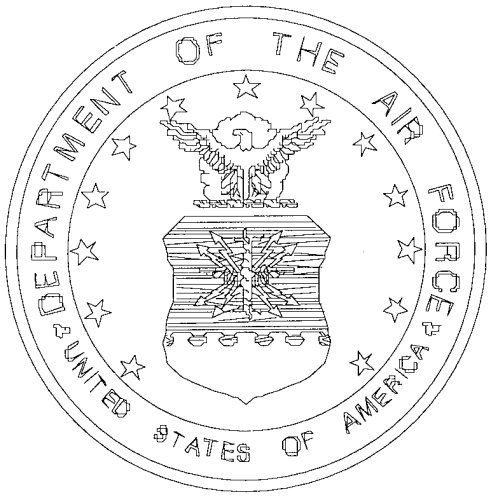

DEPARTMENT OF DEFENSE

DEPARTMENT OF THE AIR FORCE

INFORMATION TECHNOLOGY BUDGET

FY 1997 BUDGET ESTIMATES

March 1996

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DEPARTMENT OF DEFENSE
DEPARTMENT OF THE AIR FORCE
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EXECUTIVE SUMMARY

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DEPARTMENT OF DEFENSE
DEPARTMENT OF THE AIR FORCE
FY 1997 BUDGET ESTIMATES

EXECUTIVE SUMMARY

OVERVIEW

The Air Force continues to provide a balanced Information Technology (IT) program while making major strides in meeting critical base communications connectivity and Information Warfare needs. Air Force IT advancements center directly on three major goals: shaping tomorrow's Air Force, maintaining combat readiness, and supporting quality of life. Major emphasis is placed on transitioning from current to future readiness through prudent investment in modernization efforts. Increased IT funding in the FY 1997 Budget Estimates submission reflects tough choices made by the Air Force in meeting future C4I warfighting needs.

FUNDING CHANGES FROM AIR FORCE 1996/1997 BIENNIAL BUDGET ESTIMATES SUBMISSION:

Overall reporting for the Air Force IT budget has increased by $600M (see Figure 1) in FY97 from the FY1996/1997 Biennial Budget Estimate to this FY97 Budget Estimates submission. Of this amount, $206M is attributed to new funding for IT development/ modernization efforts, primarily in the Base Information Infrastructure area, and an education process to properly categorize this funding. The remaining $394M is the result of an aggressive education process to heighten reporting awareness and overcome widespread misconceptions about reporting requirements.

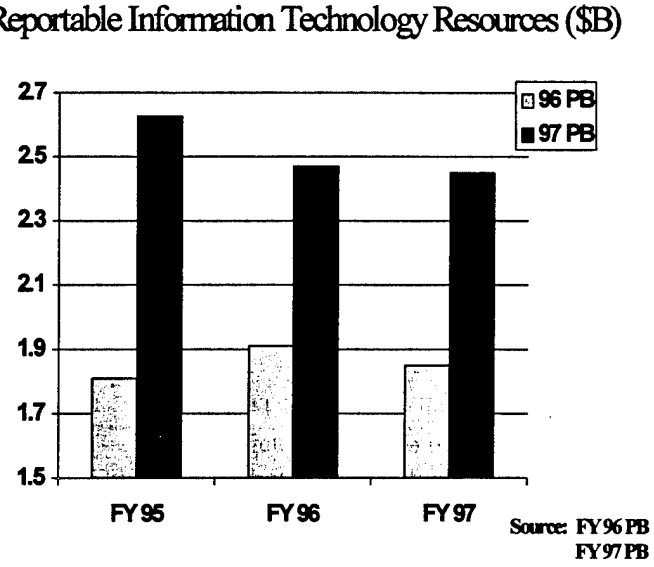

Figure 1. IT Resources.

New Funding for Base Information Infrastructure (BII). Of the $418M for Core Defense Information Infrastructure (DII) IT development/modernization, $137M is for Air Force BII, an $58M increase from the FY1996/1997 Biennial Budget Estimate. Figure 2 shows the funding trend for Core DII Development/Modernization efforts. New funding for the Air Force's BII is driven by the Defense Planning Guidance (DPG) direction to ensure "a communications architecture that provides timely dissemination of battle management and intelligence information to deployed forces" and Air Force Programming Guidance that called for "adaptive, interoperable, C2 protected C4I systems and a modernized C4 infrastructure to support the warfighters." The Air Force met the DPG goal of 60 percent of installations upgraded during the first five years using the BII initiative. BII includes the Digital Switching System (DSS), Information Transport Systems (ITS), Combat Information Transport System (CITS) Management Subsystem (CMS), Base Network Control Center (BNCC) and Base Information Protect (BIP). DSS provides new digital switching equipment with standard interfaces and increased capacity to meet current and future mission requirements. DSS improves interbase/intrabase connectivity in order to provide wing war fighters the capability to rapidly "pull" worldwide information for mobilizing and deploying forces as needed. ITS addresses long-standing AF-wide base C4 communications deficiencies and is essential to expeditionary warfare. It provides a fiber-optic base C4 infrastructure to replace aging 1950's technology copper-based cabling and add new digital switching capabilities, creating a robust communications grid to all core facilities on Air Force bases. ITS will provide increased data capacity to meet the warfighters' evolving needs for imagery, graphics, and video information. CMS provides various services including collecting and archiving information on cable records, service orders, usage/billing, directory and operator assistance, and inventory control. The BNCC provides both internal and external circuit management and configuration control, as well as a centralized trouble-reporting point for all base data and voice circuits. BIP provides commercial-off-the-shelf (COTS) information protect tools for each Air Force base to detect, deter, isolate, contain, reconstitute and recover from information systems and network security intrusions and attacks. Further information on BII is provided in the Descriptive Summary section for CITS.

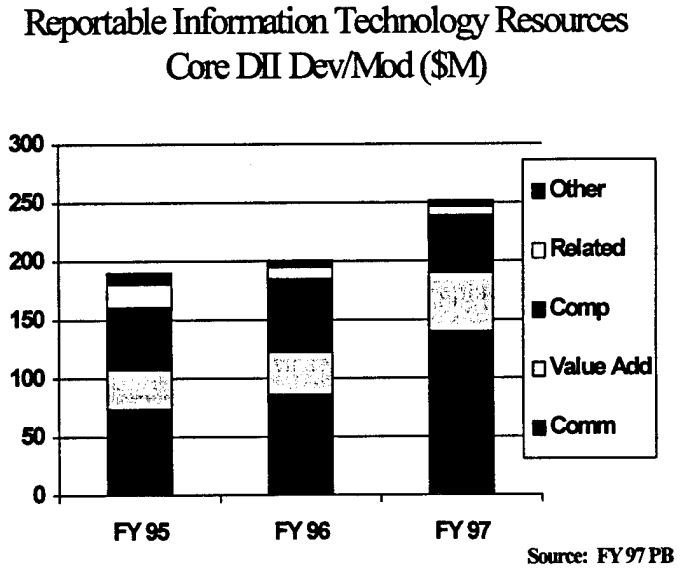

Figure 2. Core DII Dev/Mod Funding.

New Funding for Integrated Maintenance Data System (IMDS). An additional $14.4M and $18.3M in new funding in FY96 and FY97 respectively was added for the IMDS. IMDS is the planned target migration system for three different aging maintenance systems: Core Automated Maintenance System (CAMS), Reliability and Maintainability Information System (REMIS), and Tactical Interim CAMS & REMIS System (TICARRS). It will provide a single virtual data repository in an open system client/server network. Further information on IMDS is provided in the Descriptive Summary section.

Improved Reporting for Base Level Units and Management Staffs. An aggressive education program undertaken by the Air Force identified $463M in FY97 Information Technology budget funding which had not been reported previously. Figure 3 reflects the total reporting for Core DII and Functional Automated Information Systems (AISs) and the breakdown by Current Servcies and Dev/Mod expenditures. Many of our reporting organizations failed to include funding for base communications units, engineering and installations units, and management staffs at the headquarters and central design activity levels. This oversight was due

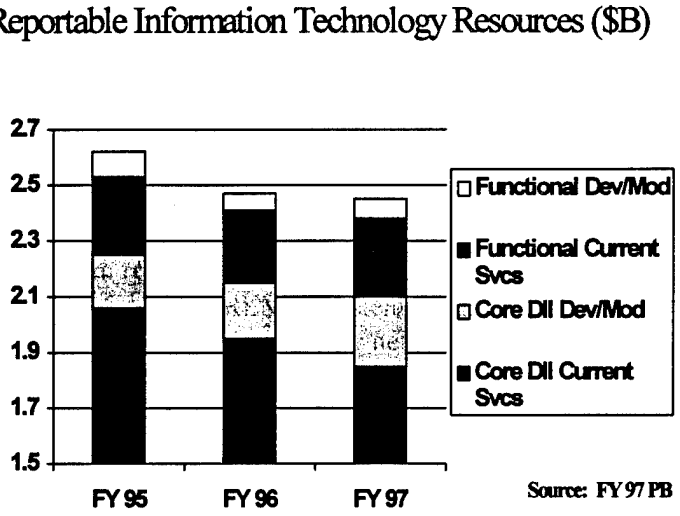

Figure 3. IT Funding by Core DII and Functional AISs.

to their misconception that the Exhibit 43 only captured automated information systems, and they failed to recognize the requirement to report non-system IT resources. Major Commands and Agencies were instructed to include all costs for non-system IT resources, with the exception of those associated with air traffic control, radar, radio, security, and command and control systems specifically exempted from the Exhibit 43. **The additional $463M identified in FY97 was spread over most Corporate Information Management (CIM) areas in the IT-1, e.g., Command and Control and Core DII, and throughout all of the expense categories--hardware, software, supplies, TDY costs, etc.--causing significant differences between previous submission and this one (Figure 1).** In addition, over 6,600 additional work years were added to the Air Force's report. Again, the newly identified work years are for personnel located in base communications units, engineering and installation units, and management staffs. These workyears represent a wide range of tasks and include personnel typically considered "overhead" (e.g., management, policy, budget, secretarial). While FY97 is used as a point of

comparison for this Executive Summary, the Air Force added the newly identified funding to all fiscal years.

FORMAT CHANGES

There are several CIM area name changes from the previous report. Human Resources was renamed Civilian Personnel. CIM area Other was rename and covered in five Core DII areas called Communications, Computing, Other, Related Technical Activities, and Value Added Services. Core DII are those Air Force information technology resources that ensure sufficient information infrastructure is available to fully support military forces. The Air Force's various interoperable, global networks provide high quality, voice, data and video communications services to the warfighter. Such networks ensure the availability of responsive and reliable command and control, intelligence, and support information when, where and how it is needed. Interconnected systems of computers, communications, data processing, security, and support resources, servicing the DoD's local and worldwide information needs, are the heart of the DII. Figure 4 show the relative funding for the five Core DII CIM areas.

Core DII - Communications. Core DII-Communications funds long haul communications and the base level communications infrastructure. The majority of the funding pays for "non-system" information technology resources. Payments for long-haul communications account for approximately $300M per year. Base level communications account for another $900M per year. Base level communications include both active and Air National Guard organizations, fixed, and engineering/installation resources. Base Realignment and Closure (BRAC) funding is under this CIM area and is below the IT-2 reporting threshold.

Core Defense Information Infrastructure (DII)

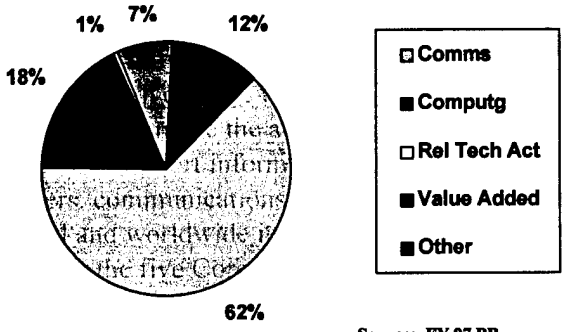

Figure 4. Core DII CIM Areas.

Core DII - Computing. Non-systems account for the largest portion of Core DII-Computing. The Air Force funds for two Major Shared Resource Centers under the DoD High Performance Computing Modernization Program. These computer facilities operate on a fee-for-service basis, providing super computer and mainframe computer processing, management information systems, and maintenance for hardware and software. The Air Force also transfers payments to the Defense Information Systems Agency (DISA) for base-level and logistics

information processing support. Computing resources in this functional area also support general-purpose Air Force requirements, including office automation.

Core DII - Other. Funding in Core DII-Other falls into two distinct areas. First, all information technology management staffs at HQ Air Force, Major Commands, and other organizations have been placed in this category. Second, this category includes all non-system visual information activities with the exception of videoteleconference facilities.

Core DII - Related Technical Activities. Funding in the Core DII-Related Technical Activities CIM area supports several small programs. These programs support participation and partnership with industry, national and international standardization activities. They provide specialized tools to research and analyze standardization needs and to support the planning and programming of standardization initiatives and efforts.

Core DII - Value Added Service. Core DII-Value Added Services includes funding for non-system videoteleconference facilities and network and systems management.

TRANSFER OF REPORTING

Several Joint Logistic System Center programs were transferred to the Air Force for reporting purposes by Office of the Secretary of Defense direction. The Ammunition Management Standard System (AMSS) is one of these systems and is highlighted in both the IT-1 and IT-2 Descriptive Summary. Two other programs not exceeding the reporting threshold are Continuous Acquisition and Life Cycle Support New Technology (CALS-TECH) and Major End Item Logistic System (MEI).

FINAL NOTE

Over the past year, the Air Force has been using a new Microsoft Windows-based client-server automated system to collect and report the Information Technology budget. This new user-friendly database system has decreased the input workload on the Air Force users, enabling them to devote more time to creating an accurate product. POCs for the Air Force Information Technology Budget are Lt Col Mark Hall and Capt Richard Hubbard, 703-697-8890.

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EXHIBIT 43

REPORT ON INFORMATION TECHNOLOGY RESOURCES

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Department Of The Air Force
Report on Information Technology (IT) Resources
FY 1997 Budget Estimates
(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
1. Equipment			
A. Capital Purchases	149,760	156,831	239,916
B. Purchases/Leases	215,743	122,374	103,641
Subtotal	365,503	279,205	343,557
2. Software			
A. Capital Purchases	413	265	555
B. Purchases/Leases	9,497	6,571	10,967
Subtotal	9,910	6,836	11,522
3. Services			
A. Communications	92,497	76,288	90,296
B. Processing	54,679	42,400	38,609
C. Other	2,998	2,402	3,803
Subtotal	150,174	121,090	132,708
4. Support Services			
A. Software	149,184	147,587	136,118
B. Equipment Maintenance	159,639	148,047	142,803
C. Other	132,243	129,906	120,909
Subtotal	441,066	425,540	399,830
5. Supplies	49,627	40,354	43,254
6. Personnel (Compensation/Benefits)			
A. Software	61,484	61,098	61,678
B. Equipment Maintenance	137,213	132,998	131,021
C. Processing	87,240	88,573	90,068
D. Communications	331,073	291,869	286,551
E. Other	555,591	554,220	558,341
Subtotal	1,172,601	1,128,758	1,127,659
7. Other (Non-FIP Resources)			
A. Capital Purchases	0	0	0
B. Other Current	27,235	31,491	27,196
Subtotal	27,235	31,491	27,196
8. Intra-Governmental Payments			
A. Software	29,265	37,485	42,837
B. Equipment Maintenance	0	5,377	4,053
C. Processing	0	71	185
D. Communications	331,179	301,770	265,185
E. Other	123,425	250,089	218,975
Subtotal	483,869	594,792	531,235
9. Intra-Governmental Collections			
A. Software	-11,805	-23,864	-26,354
B. Equipment Maintenance	-6,267	-10,816	-8,659
C. Processing	-3,138	-2,957	-3,337
D. Communications	-479	-306	-318
E. Other	-54,355	-120,462	-127,521
Subtotal	-76,044	-158,405	-166,189
NET IT RESOURCES	2,623,941	2,469,661	2,450,772
Workyears	27,779	26,625	26,073
Non-DBOF	26,470	25,391	24,761
DBOF	1,309	1,234	1,312

Department Of The Air Force
Report on Information Technology (IT) Resources
FY 1997 Budget Estimates
(Dollars in Thousands)

Appropriation/Fund		FY 1995	FY 1996	FY 1997
0510	Base Closure Pt II	8,527	7,631	5,165
3010	Acft Proc, AF	220	0	0
3080	Oth Proc, AF	140,874	139,388	193,387
3300	MC, AF	1	0	0
3400	O&M, AF	1,396,751	1,339,062	1,254,506
3500	Mil Pers, AF	614,281	538,826	535,255
3600	RDT&E, AF	90,313	77,398	83,064
3700	Res Pers, AF	143	144	145
3740	O&M, AF Res	8,991	8,465	8,804
3840	O&M, Air Nat Gd	137,699	136,925	156,986
3850	Nat Gd Pers, AF	125,233	119,810	115,707
4930	DBOF Operations	100,908	102,012	97,753
	Total By Appropriation:	2,623,941	2,469,661	2,450,772

NOTE 1: Military Personnel Cost in the DBOF is computed at the equivalent civilian rate as prescribed by the DBOF Guidance.

NOTE 2: FY 1995 estimates reflect a $50 thousand investment/expense threshold, FY 1996 reflects a $100 thousand investment/expense threshold as adjusted by Congress (Section 8065 in Public Law 104-61), and for FY 1997, appropriated funds will adhere to the centrally managed criteria in that the Department will budget for the purchase of noncentrally managed items (by definition installation/local level type items) in the O&M appropriation regardless of the unit cost of the item. DBOF will maintain the $100 thousand threshold for FY 1997 and beyond.

EXHIBIT 43 (IT-1)

INFORMATION TECHNOLOGY RESOURCES BY CIM FUNCTIONAL AREA

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DEPARTMENT OF THE AIR FORCE
Information Technology Resources by CIM Functional Area
FY 1997 Budget Estimates
(Dollars in Thousands)

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DEPARTMENT OF THE AIR FORCE
Information Technology Resources by CIM Functional Area
FY 1997 Budget Estimates

CHANGES FROM 1996 PRESIDENT'S BUDGET SUBMISSION:

1. The following CIM Functional Areas were not used in this 1997 Budget Estimates submission:

CIM AREA
Atomic Energy
Economic Security
Health
Policy
Reserve Affairs

2. The following CIM Functional Areas have been added to the 1997 Budget Estimates submission:

CIM AREA
Economic Security
Intelligence
Military Personnel and Readiness

3. The following CIM Areas have been renamed:

CIM AREA
Human Resources
- renamed Civilian Personnel
Other
- renamed to Core DII and split into five categories
Core DII - Communications (includes Base Realignment and Closure (BRAC))
Core DII - Computing
Core DII - Other
Core DII - Related Technical Activities
Core DII - Value Added Services

DEPARTMENT OF DEFENSE
Department of the Air Force
Information Technology Resources by CIM Functional Area
FY 1997 Budget Estimates
(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
A. Civilian Personnel			
1. Major Systems/Initiatives			
Defense Civ Pers Data Sys (DCPDS) Mod - AF			
Development/Modernization	2,284	4,043	7,860
Current Services	3,610	723	457
Subtotal	5,894	4,766	8,317
Appropriation/Fund			
Oth Proc, AF	5,381	3,500	5,500
O&M, AF	513	1,266	2,817
2. Non-Major Systems/Initiatives			
3. All Other Civilian Personnel			
4. Total Civilian Personnel			
Development/Modernization	2,284	4,043	7,860
Current Services	3,610	723	457
Subtotal	5,894	4,766	8,317
Appropriation/Fund			
Oth Proc, AF	5,381	3,500	5,500
O&M, AF	513	1,266	2,817
B. Command and Control			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Command and Control			
Development/Modernization	3,507	1,622	4,275
Current Services	52,328	44,949	54,003
Subtotal	55,835	46,571	58,278
Appropriation/Fund			
Oth Proc, AF	3,171	966	1,499
O&M, AF	27,941	20,455	30,690
Mil Pers, AF	24,502	24,762	25,168
RDT&E, AF	120	0	0
DBOF Operations	101	388	921
4. Total Command and Control			
Development/Modernization	3,507	1,622	4,275
Current Services	52,328	44,949	54,003
Subtotal	55,835	46,571	58,278
Appropriation/Fund			
Oth Proc, AF	3,171	966	1,499
O&M, AF	27,941	20,455	30,690
Mil Pers, AF	24,502	24,762	25,168
RDT&E, AF	120	0	0
DBOF Operations	101	388	921

DEPARTMENT OF DEFENSE

Department of the Air Force

Information Technology Resources by CIM Functional Area

FY 1997 Budget Estimates

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
C. Core DII - Communications			
1. Major Systems/Initiatives			
Combat Information Transport System (CITS)			
Development/Modernization	39,672	46,502	104,602
Subtotal	39,672	46,502	104,602
Appropriation/Fund			
Oth Proc, AF	27,231	27,707	95,933
O&M, AF	8,645	18,414	8,285
Mil Pers, AF	3,796	381	384
2. Non-Major Systems/Initiatives			
3. All Other Core DII - Communications			
Development/Modernization	34,151	39,675	32,373
Current Services	1,382,504	1,223,938	1,189,050
Subtotal	1,416,655	1,263,613	1,221,423
Appropriation/Fund			
Base Closure Pt II	8,527	7,631	5,165
Oth Proc, AF	22,857	34,816	15,477
O&M, AF	759,194	654,222	617,448
Mil Pers, AF	336,814	291,041	290,927
RDT&E, AF	31,144	23,742	27,305
Res Pers, AF	34	34	34
O&M, AF Res	277	496	528
O&M, Air Nat Gd	134,610	133,874	150,804
Nat Gd Pers, AF	123,009	117,592	113,463
DBOF Operations	189	165	272
4. Total Core DII - Communications			
Development/Modernization	73,823	86,177	136,975
Current Services	1,382,504	1,223,938	1,189,050
Subtotal	1,456,327	1,310,115	1,326,025
Appropriation/Fund			
Base Closure Pt II	8,527	7,631	5,165
Oth Proc, AF	50,088	62,523	111,410
O&M, AF	767,839	672,636	625,733
Mil Pers, AF	340,610	291,422	291,311
RDT&E, AF	31,144	23,742	27,305
Res Pers, AF	34	34	34
O&M, AF Res	277	496	528
O&M, Air Nat Gd	134,610	133,874	150,804
Nat Gd Pers, AF	123,009	117,592	113,463
DBOF Operations	189	165	272

DEPARTMENT OF DEFENSE

Department of the Air Force

Information Technology Resources by CIM Functional Area

FY 1997 Budget Estimates

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
D. Core DII - Computing			
1. Major Systems/Initiatives			
Global Combat Support System-Air Force			
Development/Modernization	21,365	22,416	24,812
Current Services	2,785	3,369	3,453
Subtotal	24,150	25,785	28,265
Appropriation/Fund			
Oth Proc, AF	12,833	11,516	8,196
O&M, AF	9,958	3,869	4,873
Mil Pers, AF	1,359	0	0
RDT&E, AF	0	10,400	15,196
Std Base Lvl Computer (SBLC) Upgrade/Phase IV			
Development/Modernization	5,343	8,448	5,980
Current Services	45,529	52,560	48,896
Subtotal	50,872	61,008	54,876
Appropriation/Fund			
Oth Proc, AF	4,681	5,971	5,443
O&M, AF	38,618	48,037	42,314
Mil Pers, AF	7,573	7,000	7,116
DBOF Operations	0	0	3
2. Non-Major Systems/Initiatives			
ADP Operations Consolidation			
Current Services	20,095	6,307	2,030
Subtotal	20,095	6,307	2,030
Appropriation/Fund			
O&M, AF	17,534	5,565	1,268
Mil Pers, AF	2,561	739	751
DBOF Operations	0	3	11
Weather Communications Systems (WCS)			
Development/Modernization	2,609	6,895	118
Current Services	10,692	12,209	10,065
Subtotal	13,301	19,104	10,183
Appropriation/Fund			
O&M, AF	10,809	16,302	7,811
Mil Pers, AF	2,492	2,802	2,372
3. All Other Core DII - Computing			
Development/Modernization	23,866	24,713	18,534
Current Services	294,968	317,445	260,857
Subtotal	318,834	342,158	279,391
Appropriation/Fund			
Acft Proc, AF	220	0	0
Oth Proc, AF	3,997	4,628	0
O&M, AF	167,553	204,208	152,966
Mil Pers, AF	67,748	68,297	64,450
RDT&E, AF	24,458	13,855	11,889

DEPARTMENT OF DEFENSE

Department of the Air Force

Information Technology Resources by CIM Functional Area

FY 1997 Budget Estimates

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
O&M, AF Res	1,607	449	375
O&M, Air Nat Gd	2,374	2,313	2,615
DBOF Operations	50,877	48,408	47,096
4. Total Core DII - Computing			
Development/Modernization	53,183	62,472	49,444
Current Services	374,069	391,890	325,301
Subtotal	427,252	454,362	374,745
Appropriation/Fund			
Acft Proc, AF	220	0	0
Oth Proc, AF	21,511	22,115	13,639
O&M, AF	244,472	277,981	209,232
Mil Pers, AF	81,733	78,838	74,689
RDT&E, AF	24,458	24,255	27,085
O&M, AF Res	1,607	449	375
O&M, Air Nat Gd	2,374	2,313	2,615
DBOF Operations	50,877	48,411	47,110
E. Core DII - Other			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
All Other Core DII - Other			
Development/Modernization	12,216	5,790	5,059
Current Services	209,073	243,178	241,706
Subtotal	221,289	248,968	246,765
Appropriation/Fund			
Oth Proc, AF	6,468	1,711	937
O&M, AF	120,960	163,098	161,880
Mil Pers, AF	87,009	76,861	76,535
RDT&E, AF	381	393	304
Res Pers, AF	75	76	77
O&M, AF Res	448	420	381
O&M, Air Nat Gd	715	738	761
Nat Gd Pers, AF	2,224	2,218	2,244
DBOF Operations	3,009	3,453	3,646
4. Total Core DII - Other			
Development/Modernization	12,216	5,790	5,059
Current Services	209,073	243,178	241,706
Subtotal	221,289	248,968	246,765
Appropriation/Fund			
Oth Proc, AF	6,468	1,711	937
O&M, AF	120,960	163,098	161,880
Mil Pers, AF	87,009	76,861	76,535
RDT&E, AF	381	393	304
Res Pers, AF	75	76	77
O&M, AF Res	448	420	381

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
O&M, Air Nat Gd	715	738	761
Nat Gd Pers, AF	2,224	2,218	2,244
DBOF Operations	3,009	3,453	3,646
F. Core DII - Related Technical Activities			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Core DII - Related Technical Activities			
Development/Modernization	19,156	10,154	7,134
Current Services	3,969	5,085	5,116
Subtotal	23,125	15,239	12,250
Appropriation/Fund			
Oth Proc, AF	1,064	534	379
O&M, AF	8,060	7,920	5,175
Mil Pers, AF	1,703	1,495	1,518
RDT&E, AF	9,800	2,200	2,100
DBOF Operations	2,498	3,090	3,078
4. Total Core DII - Related Technical Activities			
Development/Modernization	19,156	10,154	7,134
Current Services	3,969	5,085	5,116
Subtotal	23,125	15,239	12,250
Appropriation/Fund			
Oth Proc, AF	1,064	534	379
O&M, AF	8,060	7,920	5,175
Mil Pers, AF	1,703	1,495	1,518
RDT&E, AF	9,800	2,200	2,100
DBOF Operations	2,498	3,090	3,078
G. Core DII - Value Added Services			
1. Major Systems/Initiatives			
Defense Message System - Air Force (DMS-AF)			
Development/Modernization	31,846	29,579	31,289
Current Services	19,720	16,924	21,793
Subtotal	51,566	46,503	53,082
Appropriation/Fund			
Oth Proc, AF	25,548	18,375	19,632
O&M, AF	16,475	17,099	22,016
Mil Pers, AF	9,543	11,029	11,434
2. Non-Major Systems/Initiatives			
3. All Other Core DII - Value Added Services			
Development/Modernization	2,029	6,554	18,658
Current Services	79,104	74,791	81,181
Subtotal	81,133	81,345	99,839
Appropriation/Fund			
Oth Proc, AF	4,948	6,983	17,870
MC, AF	1	0	0

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
O&M, AF	37,834	36,466	41,889
Mil Pers, AF	34,521	34,180	34,627
RDT&E, AF	3,643	3,385	2,305
Res Pers, AF	34	34	34
O&M, AF Res	152	297	308
O&M, Air Nat Gd	0	0	2,806
4. Total Core DII - Value Added Services			
Development/Modernization	33,875	36,133	49,947
Current Services	98,824	91,715	102,974
Subtotal	132,699	127,848	152,921
Appropriation/Fund			
Oth Proc, AF	30,496	25,358	37,502
MC, AF	1	0	0
O&M, AF	54,309	53,565	63,905
Mil Pers, AF	44,064	45,209	46,061
RDT&E, AF	3,643	3,385	2,305
Res Pers, AF	34	34	34
O&M, AF Res	152	297	308
O&M, Air Nat Gd	0	0	2,806
Environmental Security			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
Work Information Management System (WIMS)			
Development/Modernization	3,171	7,476	8,861
Current Services	6,446	5,467	6,416
Subtotal	9,617	12,943	15,277
Appropriation/Fund			
Oth Proc, AF	0	4,213	5,685
O&M, AF	8,162	7,342	8,188
Mil Pers, AF	1,455	1,388	1,404
3. All Other Environmental Security			
Development/Modernization	0	0	54
Subtotal	0	0	54
Appropriation/Fund			
O&M, AF	0	0	54
4. Total Environmental Security			
Development/Modernization	3,171	7,476	8,915
Current Services	6,446	5,467	6,416
Subtotal	9,617	12,943	15,331
Appropriation/Fund			
Oth Proc, AF	0	4,213	5,685
O&M, AF	8,162	7,342	8,242
Mil Pers, AF	1,455	1,388	1,404

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Department of the Air Force

Information Technology Resources by CIM Functional Area

FY 1997 Budget Estimates

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
I. Finance			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Finance			
Development/Modernization	2,662	2,721	2,773
Current Services	3,479	3,966	3,133
Subtotal	6,141	6,687	5,906
Appropriation/Fund			
O&M, AF	4,324	4,867	4,072
Mil Pers, AF	1,817	1,378	1,378
DBOF Operations	0	442	456
4. Total Finance			
Development/Modernization	2,662	2,721	2,773
Current Services	3,479	3,966	3,133
Subtotal	6,141	6,687	5,906
Appropriation/Fund			
O&M, AF	4,324	4,867	4,072
Mil Pers, AF	1,817	1,378	1,378
DBOF Operations	0	442	456
J. Information Management			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Information Management			
Development/Modernization	48	49	51
Current Services	487	454	470
Subtotal	535	503	521
Appropriation/Fund			
O&M, AF	82	427	444
Mil Pers, AF	453	0	0
DBOF Operations	0	76	77
4. Total Information Management			
Development/Modernization	48	49	51
Current Services	487	454	470
Subtotal	535	503	521
Appropriation/Fund			
O&M, AF	82	427	444
Mil Pers, AF	453	0	0
DBOF Operations	0	76	77

DEPARTMENT OF DEFENSE

Department of the Air Force

Information Technology Resources by CIM Functional Area

FY 1997 Budget Estimates

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
K. Intelligence			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Intelligence			
Development/Modernization	240	2,017	1,989
Current Services	3,456	1,445	4,816
Subtotal	3,696	3,462	6,805
Appropriation/Fund			
Oth Proc, AF	240	2,017	1,989
O&M, AF	3,456	1,445	4,816
4. Total Intelligence			
Development/Modernization	240	2,017	1,989
Current Services	3,456	1,445	4,816
Subtotal	3,696	3,462	6,805
Appropriation/Fund			
Oth Proc, AF	240	2,017	1,989
O&M, AF	3,456	1,445	4,816
L. Logistics			
1. Major Systems/Initiatives			
Air Force Equipment Management Sys (AFEMS)			
Current Services	5,765	6,255	6,252
Subtotal	5,765	6,255	6,252
Appropriation/Fund			
O&M, AF	5,544	6,120	6,114
Mil Pers, AF	221	0	0
DBOF Operations	0	135	138
Ammunition Management Standard Sys (AMSS)			
Current Services	11,228	13,154	13,780
Subtotal	11,228	13,154	13,780
Appropriation/Fund			
O&M, AF	11,228	13,154	13,780
Core Automated Maintenance System(CAMS)			
Development/Modernization	20	21	0
Current Services	13,607	12,935	12,118
Subtotal	13,627	12,956	12,118
Appropriation/Fund			
O&M, AF	5,219	7,198	5,956
Mil Pers, AF	2,925	0	0
O&M, AF Res	5,483	5,758	6,130
DBOF Operations	0	0	32
Fuels Automated Management Systems (FAMS)			
Development/Modernization	9,703	4,052	3,320
Current Services	741	2,815	4,321

(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
Subtotal	10,444	6,867	7,641
Appropriation/Fund			
Oth Proc, AF	8,355	4,052	3,320
O&M, AF	1,733	2,815	4,321
Mil Pers, AF	356	0	0
Integrated Maintenance Data System (IMDS)			
Development/Modernization	8,339	14,404	18,232
Current Services	0	0	67
Subtotal	8,339	14,404	18,299
Appropriation/Fund			
O&M, AF	0	0	67
RDT&E, AF	8,339	14,404	18,232
TICARRS			
Development/Modernization	6,960	0	0
Current Services	8,013	130	130
Subtotal	14,973	130	130
Appropriation/Fund			
O&M, AF	14,899	128	129
Mil Pers, AF	74	0	0
DBOF Operations	0	2	1
2. Non-Major Systems/Initiatives			
Requirements Data Bank			
Current Services	11,480	13,998	13,365
Subtotal	11,480	13,998	13,365
Appropriation/Fund			
O&M, AF	437	483	531
Mil Pers, AF	74	0	0
DBOF Operations	10,969	13,515	12,834
Standard Base Supply System (SBSS)			
Development/Modernization	7,311	339	6,606
Current Services	6,104	6,677	6,917
Subtotal	13,415	7,016	13,523
Appropriation/Fund			
O&M, AF	8,994	7,016	13,448
Mil Pers, AF	4,421	0	0
DBOF Operations	0	0	75
3. All Other Logistics			
Development/Modernization	15,999	4,891	4,348
Current Services	51,201	53,927	53,127
Subtotal	67,200	58,818	57,475
Appropriation/Fund			
Oth Proc, AF	953	488	213
O&M, AF	28,225	26,353	29,032
Mil Pers, AF	2,559	470	478
RDT&E, AF	7,933	5,529	5,229

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	FY 1995	FY 1996	FY 1997
DBOF Operations	27,530	25,978	22,523
4. Total Logistics			
Development/Modernization	48,332	23,707	32,506
Current Services	108,139	109,891	110,077
Subtotal	156,471	133,598	142,583
Appropriation/Fund			
Oth Proc, AF	9,308	4,540	3,533
O&M, AF	76,279	63,267	73,378
Mil Pers, AF	10,630	470	478
RDT&E, AF	16,272	19,933	23,461
O&M, AF Res	5,483	5,758	6,130
DBOF Operations	38,499	39,630	35,603
M. Military Personnel and Readiness			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
Modernized Air Force Military Personnel Data			
Development/Modernization	7,414	2,581	5,874
Current Services	5,603	5,624	5,729
Subtotal	13,017	8,205	11,603
Appropriation/Fund			
O&M, AF	9,463	4,696	8,056
Mil Pers, AF	3,554	3,509	3,547
3. All Other Military Personnel and Readiness			
Development/Modernization	23,581	15,471	12,811
Current Services	43,514	38,228	33,219
Subtotal	67,095	53,699	46,030
Appropriation/Fund			
Oth Proc, AF	11,004	10,894	7,925
O&M, AF	43,319	30,931	26,299
Mil Pers, AF	11,748	10,829	10,715
O&M, AF Res	1,024	1,045	1,082
DBOF Operations	0	0	9
4. Total Military Personnel and Readiness			
Development/Modernization	30,995	18,052	18,685
Current Services	49,117	43,852	38,948
Subtotal	80,112	61,904	57,633
Appropriation/Fund			
Oth Proc, AF	11,004	10,894	7,925
O&M, AF	52,782	35,627	34,355
Mil Pers, AF	15,302	14,338	14,262
O&M, AF Res	1,024	1,045	1,082
DBOF Operations	0	0	9

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	FY 1995	FY 1996	FY 1997
N. Other Special Staff			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Other Special Staff			
Development/Modernization	964	628	729
Current Services	9,710	10,848	15,416
Subtotal	10,674	11,476	16,145
Appropriation/Fund			
Oth Proc, AF	1,490	200	3,185
O&M, AF	8,587	10,687	12,363
Mil Pers, AF	597	589	597
4. Total Other Special Staff			
Development/Modernization	964	628	729
Current Services	9,710	10,848	15,416
Subtotal	10,674	11,476	16,145
Appropriation/Fund			
Oth Proc, AF	1,490	200	3,185
O&M, AF	8,587	10,687	12,363
Mil Pers, AF	597	589	597
O. Procurment/Contract Admin			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Procurment/Contract Admin			
Development/Modernization	0	788	784
Current Services	14,424	15,257	14,772
Subtotal	14,424	16,045	15,556
Appropriation/Fund			
O&M, AF	8,768	10,662	9,897
Mil Pers, AF	824	34	34
DBOF Operations	4,832	5,349	5,625
4. Total Procurment/Contract Admin			
Development/Modernization	0	788	784
Current Services	14,424	15,257	14,772
Subtotal	14,424	16,045	15,556
Appropriation/Fund			
O&M, AF	8,768	10,662	9,897
Mil Pers, AF	824	34	34
DBOF Operations	4,832	5,349	5,625

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	FY 1995	FY 1996	FY 1997
P. Science and Technology			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Science and Technology			
Development/Modernization	593	529	0
Current Services	4,807	2,992	2,941
Subtotal	5,400	3,521	2,941
Appropriation/Fund			
Oth Proc, AF	593	529	0
O&M, AF	3,929	2,114	2,060
Mil Pers, AF	878	878	881
4. Total Science and Technology			
Development/Modernization	593	529	0
Current Services	4,807	2,992	2,941
Subtotal	5,400	3,521	2,941
Appropriation/Fund			
Oth Proc, AF	593	529	0
O&M, AF	3,929	2,114	2,060
Mil Pers, AF	878	878	881
System Acquisition Management			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other System Acquisition Management			
Development/Modernization	1,881	1,071	65
Current Services	7,653	5,317	3,897
Subtotal	9,534	6,388	3,962
Appropriation/Fund			
Oth Proc, AF	60	88	0
O&M, AF	3,972	3,188	3,006
Mil Pers, AF	1,496	0	0
RDT&E, AF	3,103	2,104	0
DBOF Operations	903	1,008	956
4. Total System Acquisition Management			
Development/Modernization	1,881	1,071	65
Current Services	7,653	5,317	3,897
Subtotal	9,534	6,388	3,962
Appropriation/Fund			
Oth Proc, AF	60	88	0
O&M, AF	3,972	3,188	3,006
Mil Pers, AF	1,496	0	0
RDT&E, AF	3,103	2,104	0
DBOF Operations	903	1,008	956

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	FY 1995	FY 1996	FY 1997
R. Test and Evaluation			
1. Major Systems/Initiatives			
2. Non-Major Systems/Initiatives			
3. All Other Test and Evaluation			
Development/Modernization	1,048	1,253	454
Current Services	3,868	4,012	3,634
Subtotal	4,916	5,265	4,088
Appropriation/Fund			
Oth Proc, AF	0	200	204
O&M, AF	2,316	2,515	2,441
Mil Pers, AF	1,208	1,164	939
RDT&E, AF	1,392	1,386	504
4. Total Test and Evaluation			
Development/Modernization	1,048	1,253	454
Current Services	3,868	4,012	3,634
Subtotal	4,916	5,265	4,088
Appropriation/Fund			
Oth Proc, AF	0	200	204
O&M, AF	2,316	2,515	2,441
Mil Pers, AF	1,208	1,164	939
RDT&E, AF	1,392	1,386	504
CIM Grand Total			
Development/Modernization	287,978	264,682	327,645
Oth Proc, AF	105,040	115,343	187,331
O&M, AF	128,256	101,748	87,112
Mil Pers, AF	16,867	12,193	11,838
RDT&E, AF	28,772	34,146	40,099
Res Pers, AF	34	34	34
O&M, AF Res	1,039	298	340
DBOF Operations	7,970	920	891
Current Services	2,335,963	2,204,979	2,123,127
Base Closure Pt II	8,527	7,631	5,165
Acft Proc, AF	220	0	0
Oth Proc, AF	35,834	24,045	6,056
MC, AF	1	0	0
O&M, AF	1,268,495	1,237,314	1,167,394
Mil Pers, AF	597,414	526,633	523,417
RDT&E, AF	61,541	43,252	42,965
Res Pers, AF	109	110	111
O&M, AF Res	7,952	8,167	8,464
O&M, Air Nat Gd	137,699	136,925	156,986
Nat Gd Pers, AF	125,233	119,810	115,707
DBOF Operations	92,938	101,092	96,862
Total	2,623,941	2,469,661	2,450,772

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Appropriation/Fund	FY 1995	FY 1996	FY 1997
Base Closure Pt II	8,527	7,631	5,165
Acft Proc, AF	220	0	0
Oth Proc, AF	140,874	139,388	193,387
MC, AF	1	0	0
O&M, AF	1,396,751	1,339,062	1,254,506
Mil Pers, AF	614,281	538,826	535,255
RDT&E, AF	90,313	77,398	83,064
Res Pers, AF	143	144	145
O&M, AF Res	8,991	8,465	8,804
O&M, Air Nat Gd	137,699	136,925	156,986
Nat Gd Pers, AF	125,233	119,810	115,707
DBOF Operations	100,908	102,012	97,753

EXHIBIT 43 (IT-2)

DESCRIPTIVE SUMMARIES

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No entries.

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No entries.

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CHANGES FROM 1996 PRESIDENT'S BUDGET SUBMISSION:

1. The following initiatives/systems have been added as first-time narrative description submissions to the 1997 Budget Estimates:

AIS TITLE	AIS CODE
Combat Information Transport System (CITS)	040
Standard Base Level Computer (SBLC) Upgrade/Phase IV Support	152
Ammunition Management Standard Systems (AMSS)	FNM
Weather Communications Systems (WCS)	YKA

2. Narrative descriptions for the following initiatives/systems were deleted in the 1997 Budget Estimates submission. In each case, the initiative/system still has reportable funding, but now falls below the $10 million threshold for required narratives.

AIS TITLE	AIS CODE
Stock Control & Distribution System (SC&D)	006
Reliability and Maintainability Information System (REMIS)	012
Computer Aided Design System (CADS)	YKD

3. Funding for the Defense Data Network (DDN) has been combined with the Defense Message System - Air Force (DMS-AF).

4. The following sytems have been renamed:

AIS TITLE	AIS CODE
Defense Civilian Personnel Data System (DCPDS) Modernization	113
- renamed Defense Civilian Personnel Data System (DCPDS) Modernization - Air Force	
Base Level Systems Modernization (BLSM)	153
- renamed Global Combat System Support - Air Force (GCSS-AF)	

CIVILIAN PERSONNEL

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A. ITR Title and Number:
DEFENSE CIV PERS DATA SYS (DCPDS) MOD - AF
113

B. CIM Functional Area:
CIVILIAN PERSONNEL

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

3. Sunk Cost (actual):	$ 0	(in millions of dollars)
4. Cost To Complete:	$ 0	(in millions of dollars)

Note: Refer to the CPMS DCPDS Exhibit 43 (IT-2) for DCPDS life cycle cost and program cost. The cost shown in the Air Force's IT Budget, Exhibit 43 (IT-1) is funding to support Air Force initiatives for this system.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG41
FY 1997 President's Budget Procurement Book, Other Procurement Air Force, Electronics and Telecommunication Equipment (Exhibit P-40), P-1 Item Number 49, Pages 39-42

E. System Description:

This submission is for the AF's deployment, hardware/software cost and maintenance of the DoD approved Defense Civilian Personnel Data System (DCPDS) modernization and AF's regionalization of civilian personnel support. Reporting requirements for the Major Automated Information Systems Review Committee were developed by DoD and the data is presented quarterly.

DoD capitalized the AF data system in Feb 91 and named it the migration system, DCPDS, for civilian personnel DoD-wide. AF development and modernization funding was subsequently captured by DoD and none of the funding would have been programmed by AF across the FYDP. Although the funding was issued to the AF for its portion, control and oversight will be provided

by the DoD Program Management Office. Central procurement is to be accomplished by the AF CDA who acts as the executive agent for DoD. As part of the Civilian Personnel Management Service (CPMS) and to provide technical oversight, the Technical Implementation Manager (TIMPL) is co-located with the CDA and reports directly to CPMS.

DCPDS modernization is interrelated with the regionalization of civilian personnel operations. The Senior Financial Oversight Council (SFMOC) concluded in Nov 94 that DCPDS modernization was necessary to achieve the savings anticipated by regionalizing civilian personnel. The Nov 93 Program Decision Memorandum (PDM) directed the Services and DoD agencies to develop regional processing centers. A Program Budget Decision validated the regionalization concept. The DoD-wide Civilian Personnel Regionalization and Systems Modernization program provides for a reduction in the number of civilian personnel employees through the application of servicing ratios. Air Force must deliver regionalized services on time since the manpower reduction have been levied. In conjunction with the development and deployment of a modern, standard data system, the regionalization of civilian personnel services, will provide the streamlined civilian personnel delivery afforded by more efficient and effective organizational structures and business process improvements. The equipment/systems being purchased will allow the Air Force to accomplish regionalization and servicing ratio goals by reengineering, streamlining, and automating personnel administration and management. Initially, two proof-of-concept regional centers were established in FY95. One center is owned by AF Space Command and located at the AF Academy in Colorado Springs, CO and services approximately 8,000 employees at 7 locations. The other center is owned by Air Mobility Command and located at Scott AFB IL and provides service to approximately 13,000 employees at 11 locations. FY95 funds provided for the computer hardware needed to get these two centers up and running and also provided initial start-up costs for the Air Force center at Randolph AFB TX. The proof-of-concept centers will phase down by the end of FY97. All operations will be phased to the Air Force Personnel Center (AFPC) at Randolph AFB TX. AFPC will provide support to all AF civilians by FY99. FY96 buys equipment to stand up the AFPC. FY97-98 funds will purchase computer hardware, to include microcomputers, servers, printers, storage devices, networking support, associated peripheral devices, and software to establish the center and to provide equipment for approximately 100 Civilian Personnel Offices at base level. Typically needed will be new servers at each personnel office, a server for AFPC, LAN hardware and installation at each personnel office and AFPC, and hardware and installation for an AF-wide area network to ensure timely and accurate data are available to conduct daily personnel activities. State-of-the-art desktop equipment is needed to meet operational demands to achieve maximum efficiency and times savings and to maintain customer service at an acceptable level despite the significant reductions in civilian personnel employees. The equipment will support electronic records management systems, several Functional Process Improvements, and electronic management of Official Personnel Folders. It is estimated that streamlining, reengineering, and automation will save approximately $72M a year.

Migration Status:

DCPDS is an OSD migration system. It replaced the Personnel Data System-Civilian (PDS-C).

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: This is a new program start in FY95. In Nov 94, the SFMOC approved the modernization of DCPDS. As mentioned, DoD controls DCPDS. Any development

and modernization funding will be programmmed by CPMS.

2. FY 1996 Planned Program: AF submitted acquisition plan to DoD in Aug 95 and it was approved in Sep 95.

3. FY 1997 Planned Program: AF submitted acquisition plan to DoD in Aug 95 and it was approved in Sep 95.

G. Contract Information:

N/A

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: Not applicable. New submission.

2. Schedule Changes: Not applicable. New submission

3. Cost Changes: The AFPC began stand-up in FY96 with operational capability in FY97 as personnel offices begin to obtain AFPC servicing. AFPC will provide support to all AF civilians by FY99. This was a new program start in FY95; therefore, funding shown for FY95 in this submission was not identified in the FY96 President's Budget Submission.

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CORE DII - COMMUNICATIONS

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
COMBAT INFO TRANSPORT SYSTEM (CITS)
040

B. CIM Functional Area:
CORE DII - COMMUNICATIONS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

2. Constant base year (FY 19) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

3. Sunk Cost (actual):	$ 0	(in millions of dollars)
4. Cost To Complete:	$ 0	(in millions of dollars)

Note: CITS cost outline in AIS 040 does not include Defense Message System-Air Force (DMS-AF). Base Information Digital Distribution System (BIDDS) program completed FY95. Estimated Life Cycle Cost and Program Cost are expected next reporting period.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 3, AG32 and BA 4, AG41
FY 1997 Amended Budget Submission, Other Procurement Air Force, Electronics and Telecommunication Equipment (Exhibit P-40), P-1 Line Number 64

E. System Description:

CITS is a subset of the Base Information Infrastructure (BII), begining in FY96. The overall objective of CITS is to acquire and connect information transport, networking, and protect capabilities to meet the uninterruptable day-to-day, crisis, and wartime information transport needs of the operating commands, functional areas, and the base population in general, Air Force-wide. This includes an integrated voice and data digital switching system (DSS), information transport system (ITS), automated record keeping systems, network management systems, and Voice Processing Systems (VPS). The CITS program will also include other capabilities needed to support the information transport requirements of the base's mission, such as local area networks (LANs), premise terminal equipment, and consolidated management of follow-on operations and maintenance responsibilities (e.g., maintenance services), and incorporating planned technology

enhancements (i.e., Synchronous Optical Network (SONET), Asynchronous Transfer Mode (ATM), etc).

Migration Status:

CITS is a Core Defense Information Infrastructure program and is not assigned a migration status. It does, however, comply with current Defense Planning Guidance to upgrade base level communications infrastructure.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Released the Regional Distribution System contract for the installation of fiber optic cable. Released the CITS Management System (CMS) contract for the automated switch record keeping. Installed telephone switches and fiber optic cable, as part of BIDDS, at several Air Force installations in keeping with the CITS implementation schedule.

2. FY 1996 Planned Program: Continue with the installation at 6 USAF bases of telephone switches, fiber optic cable, and the CMS as outlined in CITS Implementation Schedule.

3. FY 1997 Planned Program: Continue with the installation at 9 USAF bases of telephone switches, fiber optic cable, and the CMS as outlined in CITS Implementation Schedule.

G. Contract Information:

PMD 0026(9)/PE 33112, Program Management Directive for Combat Information Transport System (CITS) (Telecommunications IWM Program)

Unified Local Area Network Architecture (ULANA) II, F34608-94-D-0011 (ID/IQ), two contracts awarded on 31 Mar 95 to EDS Herndon, VA, and TRW Systems Integration Group.

Regional Distribution Systems (RDS): Contract awarded, Apr 95. The RDS contract provides installation for base-level distribution system (fiber) at CONUS bases.

CITS Management System (CMS) contract awarded to ANSTEC, Fairfax, VA, which provides the interfacing to base digital switching systems and automating billing/accounting, directory service, inventory management, manpower accounting, and record management.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: Not applicable. New submission.

2. Schedule Changes: Elimination of CMS installations at all bases for FY96 due to budget limitations.

3. Cost Changes: Increases in FY97 funding reflect USAF/CV guidance to MAJCOMs in the AF FY97-01 POM Guidance Memorandum on USAF Information Protection (Info Protect) intitiative at USAF's BNCCs for proper tools and system administor training. In FY96 two program offices, CITS and BIDDS, are consolidating which reduce the 3400 funding.

CORE DII - COMPUTING

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
STD BASE LVL COMPUTER (SBLC) UPGRD/PHASE IV SPT
152

B. CIM Functional Area:
CORE DII - COMPUTING

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 612	(in millions of dollars)
Estimated Life-cycle cost:	$ 612	(in millions of dollars)
Approved Program cost:	$ 612	(in millions of dollars)
Estimated Program cost:	$ 612	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 78.1	(in millions of dollars)
Estimated Life-cycle cost:	$ 78.1	(in millions of dollars)
Approved Program cost:	$ 4.4	(in millions of dollars)
Estimated Program cost:	$ 4.4	(in millions of dollars)
3. Sunk Cost (actual):	$ 520	(in millions of dollars)
4. Cost To Complete:	$ 92	(in millions of dollars)

Note: The reporting reflects acquisition, development, and continued sustainment cost, primarily provided through a contract.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 1, AG 11 and BA 2, AG 21

E. System Description:

This program provides day-to-day sustainment and operations for 89 Air Force installations and 101 Air National Guard and Air Force Reserve installations by providing flightline maintenance, supply, accounting and finance, budget, military and civilian personnel, transportation, operations, and services systems. The contractual vehicle that supports the SBLC environment is the Phase IV Follow-On contract. This contract allows our customers to purchase hardware, software, maintenance, support and upgrades. The Delegation of Procurement Authority (DPA) limit is $612M.

The Standard Systems Group (SSG) is the Central Design Activity for SBLC.

Migration Status:

SBLC is a Core Defense Information Infrastructure system and is not assigned a migration status.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Funding went towards the sustainment of the Phase IV Follow-On contract which is composed of various contract line item numbers (CLINs). Those CLINS are divided into three main categories: Maintenance, Support, and Upgrades. The particular CLINs are Data, Programmer/Analyst Support, Training, Site Equipment, Installation, Transportation and Packaging, Basic System Support, Small Systems Support, Micro System Support, System Software, Air Force Rapid Deployment Program (AFRDP), Government Maintenance Support, Special Studies, Analyses and Tests, and Other Direct Cost associated with SBLC.

2. FY 1996 Planned Program: Continued DPA expenditures for maintenance, support, and upgrades.

3. FY 1997 Planned Program: Continued DPA expenditures for maintenance and support. Phase IV Follow-On Contract expires 27 Jan 97.

G. Contract Information:

The prime contractor for SBLC is UNISYS Government Systems, Inc. The Phase IV Follow-On Contract (F01620-91-D-0003) is a firm fixed price, indefinite quantity, indefinite delivery type contract that was awarded Jul 91. The duration of the contract is six years and its estimated value is $612 Million.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: Not applicable. New submission.

2. Schedule Changes: Not applicable. New submission.

3. Cost Changes: No significant cost changes.

Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
GLOBAL COMBAT SUPPORT SYS-AIR FORCE (GCSS-AF)
153

B. CIM Functional Area:
CORE DII - COMPUTING

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 256.1	(in millions of dollars)
Estimated Life-cycle cost:	$ 1932	(in millions of dollars)
Approved Program cost:	$ 253.9	(in millions of dollars)
Estimated Program cost:	$ 552	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 222.9	(in millions of dollars)
Estimated Life-cycle cost:	$ 1509	(in millions of dollars)
Approved Program cost:	$ 213.4	(in millions of dollars)
Estimated Program cost:	$ 372	(in millions of dollars)

3. Sunk Cost (actual):	$ 56.3	(in millions of dollars)
4. Cost To Complete:	$ 199.8	(in millions of dollars)

Note: Estimated Cost Study due out by 1 Apr 96.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 1, AG11
Procurement Program, Fiscal Years 1997 Budget Estimates, Other Procurement, Electronic and Telecommunications Equipment, Item # 55, Weapon System Cost Element 6.

E. System Description:

GCSS-AF was previously called Base Level Systems Modernization (BLSM). GCSS-AF is the program that will modernize the key base level systems to provide essential support to the mission of the Air Force in the areas of supply, maintenance, civil engineering, base accounting and finance functions, personnel and manpower management, and a variety of related services. GCSS-AF will move the Air Force into the 21st Century with the technology that will provide the warfighter with state-of-the-art information required to be successful in all senarios. It will additionally provide Situational Awareness advances in information-based technology that will allow military forces to monitor and assess global conditions rapidly and efficiently. It will provide enabling technology to support the Air Force and the DoD Business Process Reengineering. It is a three-tiered approach that includes a functional, data, and technical modernization of Air Force base level Automated Information Systems (AIS's) and the processes that those AIS's support. GCSS-AF modernization will involve code translation, data base

modernization, technical modernization, and business process improvement modernization as dictated by a Functional Economic Analysis of each existing and proposed business process. GCSS-AF will provide a system of systems supported by a single logical wing-level data base. The GCSS-AF infrastructure and data base will be the information base for modernizing all Air Force support functions and will become the source of data for command and control and decision support systems that support the wing wommander and theater battle staff. GCSS-AF will integrate the base level combat support systems which are essential to allow non-ambiguous real-time decision support to the objective of the Wing Commander as well as support the One Wing, One Base, One Boss concept. Systems modernized under GCSS-AF will be migrated to an open system environment to reduce maintenance cost and integrate the many stove-pipe systems into one integrated management information system of applications which is designed to support both regional and distributed topologies. GCSS-AF will improve operational readiness, enhancing the capabilities and timeliness of all Air Force standard AIS's supporting critical warfighting weapon systems. GCSS-AF will ensure the availability of critical decision making information that is required at the Point-Of-Attack for all Air Force operational commanders. Logistics support cost will be reduced with an increase in productivity. The GCSS-AF program will enable the Air Force to create adaptable software to support high priority activities satisfying existing functional requirements, enabling new base level requirements for new weapon systems such as the B-1, B-2, F-22, and C-17 to be added with minimum effort and expense. GCSS-AF will incorporate improvements identified through the functional process improvement Integrated Computer-Aided Manufacturing Definition (I-DEF) methodology. GCSS-AF will ensure continued support of mission essential Air Force base level management information systems to beyond the year 2000.

Migration Status:

GCSS-AF is a Core Defense Information Infrastructure program supporting the migration of targeted systems for base level information system modernization.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Fielding of Prototypes Logistics Module-Base Level (LOGMOD-B) which provides Operations Plans logistics information (personnel, supplies and equipment) for deployment, crisis planning and execution to MAJCOM, HQ USAF and the Joint arena, Air Force Operation Resource Management System (AFORMS) which tracks all flying training information for all Air Force personnel on flying status and provides this information to the Director of Operations this system implements Public Law, DoD and Air Force policy for flight management and Manpower Data Systems (MDS) which provides manpower information (authorizations) for war planning is proceeding to full implementation. GCSS-AF AFSARC IPR program review and Pre-MAISRC briefing was accomplished with full MAISRC completed Sep 95, and the GCSS-AF ASP and Draft RFP was released. The full Air Force Wing Level Integration Definition Modeling (DEF) was completed result being the To Be Model.

2. FY 1996 Planned Program: RFP released Dec 95. Milestone II review, and paper MAISRC to allow for the continuation of the GCSS-AF Modernization effort, and continue for the full implementation of the initial three AIS's LOGMOD-B, AFORMS, and MDS which will provide state-of-the-art information processing systems to the warfighter in crisis action, planning and execution.

3. FY 1997 Planned Program: Implementation of MDS.

G. Contract Information:

OGDEN Services is now the prime contractor for the remaining effort under GCSS-AF, Harris Data Services Inc is now a sub to OGDEN. The RFI was advertised in the Commerce Business Daily and placed on the SSG Bulletin board on 24 Nov 93. GCSS-AF has received feedback that will be useful as alternatives are considered. Per the amended Program Management Directive a draft request for proposal was released on 29 Jun 95, and the final RFP was released on 13 Dec 95 at approximately 0400 hours. Contract award is scheduled to occur in the third quarter FY96.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: There have been no technical changes.

2. Schedule Changes: There are no anticipated schedule changes as a result of additional funding, the program has been traditionally underfunded since its inception, additional funding would only keep the program on schedule. Following are the projected implementation milestones for the 3 initial AIS's (LOGMOD-B, AFORMS and MDS). LOGMOD-B and AFORMS are projected to reach full implementation in mid FY98, MDS is projected to reach full implementation in late FY97.

3. Cost Changes: Changes in approved program cost is a result of funding plus ups by Air Staff in accordance with the program disconnects submitted in the FY97 Program Objective Memorandum. Changes in the estimated cost is a result of a new LCCE being accomplished by another contractor (Tecolote). Required and approved funding levels will allow the software system architecture (the engine) to be available for the full modernization of the base-level AIS's, the required support and fielding of the GCSS-AF AIS's (LOGMOD-B, AFORMS, and MDS). The Air Force will be allowed to move into the 21st Century by eliminating the stove pipe systems currently employed with information fragmented across many individual systems. The One Base, One Wing, One Boss concept will be realized. The warfighter will have state-of-the-art information technology that will be required to be successful in all scenarios. Additionally, Situational Awareness advances in information-based technologies that will allow military forces to monitor and assess most global conditions rapidly and efficiently will have a vital part.

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
ADP OPERATIONS CONSOLIDATION
181

B. CIM Functional Area:
CORE DII - COMPUTING

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 452.8	(in millions of dollars)
Estimated Life-cycle cost:	$ 272.8	(in millions of dollars)
Approved Program cost:	$ 303.9	(in millions of dollars)
Estimated Program cost:	$ 274.7	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 413.9	(in millions of dollars)
Estimated Life-cycle cost:	$ 257.5	(in millions of dollars)
Approved Program cost:	$ 274.2	(in millions of dollars)
Estimated Program cost:	$ 247.3	(in millions of dollars)

3. Sunk Cost (actual):	$ 251.5	(in millions of dollars)
4. Cost To Complete:	$ 201.3	(in millions of dollars)

Note: The Life Cycle Cost estimate reflects program completion in FY02. AIS 181 is completed but a new PMD has been issued for a continuation of this effort. This narrative addresses the requirements for the new PMD.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG42
FY 1997 Defense Budget Review, Defense Business Operations Fund, Information Services Business Area, pages 147 - 174
FY 1997 Amended Budget Submission, Other Procurement Air Force, Electronics and Telecommunication Equipment (Exhibit P-40), P-1 Line Number 59, Item Number 2

E. System Description:

Provide hardware, supporting communications and technical support to: complete the CONUS regionalization of Standard Base Level Computer (SBLC) system workloads to Defense Information Services Agency (DISA) Defense Megacenters (DMC's); modify Workload Information Management System (WIMS), Services Information Management System (SIMS), and Base Contracting Automated System (BCAS) software to enable operation in an open environment; consolidate MAJCOM and Field Operating Agency (FOA) Non-Command and Control (Non-C2) to a single Regional Processing Center (RPC); consolidate data processing operations in USAFE; consolidate data processing operations in PACAF; consolidate Command

Budget Automated System (CBAS) workloads to DMC's; and complete the consolidation of Central Design Activities (CDA) SBLC maintenance/development processing to a single site. In addition to the taskings reflected above (i.e., OCONUS regionalizations, WIMS/SIMS/BCAS and CBAS), the PM must include an assessment on developing a contingency backup capability with DISA, establishing and implementing standard procedures and operating policies for SBLC support with DISA; assisting DISA in planning and providing technical support environment and an on-going liaison function with the Air Force SBLC Central Design Activity (CDA); work with DISA to establish a Configuration Control Board (CCB)' continue as the MAJCOM NON-C2 configuration manager and establish a NON-C2 RPC contingency backup capability; identify and address interoperability issues and interfaces in technical solutions; and continue with the Training Planning Team (TPT) to develop/modify the System Training Plan (STP). Work with AETC to identify training support requirements to include equipment (hardware and software), unique support equipment, technical data, etc., for life cycle training.

Standard Systems Group (SSG) is the Central Design Activity for ADP Operations Consolidation.

Migration Status:

The ADP Operations Consolidation is a DoD directed consolidation and is an OSD approved system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: The ADP Operations Consolidation Program has completed CONUS SBLC consolidation. A total of 68 SBLC base level workloads were migrated during the program. The Langley X2 workload was migrated to DMC Montgomery. 4 of 14 CBAS sites, (Langley, AFRES, AFDW and SPACECOM), were migrated. In PACAF, all sites have been migrated to the RPC at Pearl Harbor NAS, HI. In USAFE, all migrated but one site (Incirlik, TU). Non-C2 workloads from HQ ACC and HQ AFSOC were migrated to the Scott RPC. This action completes MAJCOM Non-C2 consolidation. This effort eliminated seven mainframe and nine minicomputer systems, and currently provides processing support for 31 MAJCOM/SOA/FOA organizations at Scott RPC. This office is expected to assume life cycle management responsibilities for the Non-C2 future activities. In the WWMCCS area, all non-C2 applications on WWMCCS equipment were and all 19 sites have been migrated to the Scott RPC.

2. FY 1996 Planned Program: In USAFE, the SBLC workload for Incirlick will be migrated to the Ramstein RPC. This site is expected to be migrated by FY 2/96. The Economical Analysis for WIMS/SIMS/BCAS will be completed. SSR will become the Life Cycle Manager for the Non-C2 program.

3. FY 1997 Planned Program: Continuation of WIMS/SIMS/BCAS implementation. Serve as Life Cycle Manager of the Non-C2 program.

G. Contract Information:

SBLC, Unisys, Phase IV Follow-On Contract, FP, DPA=KMA
WIMS/SIMS/BCAS, PRC, Navy Super-Mini Contract, FP
MAJCOM NON-C2, HFSI, Air Force MAJCOM Contract, FP

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: No significant technical changes.

2. Schedule Changes: No significant technical changes.

3. Cost Changes: The decrease in funding from FY95 to FY96 reflects the completion of PMD 2208(1) taskings and the new PMD 2208(2) taskings starting in FY96. The new FY96 and FY97 funding, not in the FY96 Budget Submission, shows the new taskings under PMD 2208(2) as described in Section E above.

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
WEATHER COMMUNICATIONS SYSTEMS (WCS)
YKA

B. CIM Functional Area:
CORE DII - COMPUTING

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

3. Sunk Cost (actual):	$ 0	(in millions of dollars)
4. Cost To Complete:	$ 0	(in millions of dollars)

Note: Due to the age of the WCS and the reorganization of the AF, actual life cycle cost is not available. No current Life Cycle Cost Estimate is available.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 1, AG12
FY 1997 Defense Budget Review, Defense Business Operations Fund, Information Services Business Area, pages 147 - 174

E. System Description:

WCS incorporates various weather systems: Communications Front End Processor (CFEP), Automated Digital Facsmile System (ADFS), Geostationary Operational Enviromental Satellite (GOES), Continental Meteorological Data System (COMED), and the Automated Weather Network (AWN), which is comprised of the Automatic Digital Weather Switch (ADWS), the Global Weather Intercept Program (GWIP), and the Weather Intercept Control Unit (WICU). WCS supports collection and dissemination of weather mission data needed for weather products and Notice to Airman (NOTAM) flight safety information, used in support of the Secretary of Defense Special Missions; Chairman Joint Chiefs of Staff (CJCS); all CINCs and their operational forces; all services, Non-DoD agencis (FAA, NASA, National Weather Service, etc.) has agreements with DoD. WCS provides the following capabilities:

(a) AWN - Global Weather Communications System composed of ADWS, WICU, and GWIP.

(1) ADWS - Provides communications from three sites, Hickam AFB HI, RAF Croughton UK, and Tinker AFB OK. The Hickam ADWS relays environmental data from Pacific sources to the Tinker ADWS hub. RAF Croughton ADWS relays data from European sources to Tinker. Tinker hub receives alphanumeric weather information from the National Weather Service, Federal Aviation Administration, and other civil and military sources as well as weather stations world wide, stores and forwards alphanumeric data to the CFEP at HQ Air Force Global Weather Central (AFGWC), Offutt AFB NE. The three ADWSs provide alphanumeric weather data and NOTAMs data to support peacetime opeartions and CJCS directed operations world-wide.

(2) GWIP - A high frequency program that collects foreign source environmental data, not available from other sources, such as data from CIS, China, India, South East Asia and Africa. This data is required for weather bulletins supporting DoD Strategic Programs, the National Military Command Center, the USAF Command Post, operational commands, worldwide operations for the US Navy numbered fleets, and select civilian agencies. GWIP authority includes Memorandum, Deputy SecDef to AFCC, 12 Nov 64; AFCC DAR J-76-2; and AFCC DARJ-78-2.

(3) WICU - Data concentrator that takes data from low speed teletype circuits originating at weather intercept sites and concentrates this input into medium speed data stream. WICU replacement (WICU-R) will replace the WICU minicomputers with personal computers located at each GWIP site. WICU-R provides the termination point for the associated GWIP circuits, precludes the loss of data through storage capability, concentrates the data onto high speed circuits, and relays the data to an ADWS. Currently, there are three WICU sites located at RAF Croughton UK, Pruem AS GE, and Yokota AB JA. WICU is a critical communications component of the GWIP. The approval documents for the WICU-R program are CSRD MAC Scott 89-5510 and CSRD AFCC MU 90-6010.

(b) CFEP - Communications interface for HQ AFGWC weather computer complex which, as an AWN node, delivers graphics products and selected satellite imagery to customers worldwide. As the Hub for AWDS and AF Digital Graphics System (AFDIGS), CFEP ingests products from the National Weather Service, Navy's Fleet Numerical Meteorological Center and systems at AFGWC, reformats these products and broadcasts them to sites worldwide. CFEP consists of two UNISYS 2200 series mainframe computers at Offutt AFB NE and a Distributed Communications Processor in each theater. Each ADWS consists of two UNISYS 1100 series mainframes. CFEP and all three ADWS's maintain one system on-line and the other as a fully redundant backup. WICU consists of six Perkin-Elmer mini computers. GWIP consists of antennas and high frequency receiver equipment. WCS allows time perishable foreign and domestic weather data to be supplied to AFGWC, turned into weather products, and disseminated to AF flying units worldwide.

Migration Status:

None.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: 1 Oct 94, Follow-on Contract Award, HQ CSC/SDFM CFEP; 1 Dec 94 CFEP processor upgraded to 2200/444, 38 EIW/SDFM; 30 Apr 95, WGS functions migrated to CFEP and WGS equipment to DRMO, 38 EIW/SDFM; 1 Aug 95, M9760 disk system installed and 8481 disk systems to salvage, HQ SSG OL-B/SDFM.

2. FY 1996 Planned Program: WICU: Dec 95, Planned WICU-R operational testing, HQ SSG OL-B/SDF; Mar - Sep 96, Planned installation of WICU-R, HQ SSG OL-B/SD; FADWS: Establish a Unisys 2200 series test bed at Tinker ADWS site. CFEP: CFEP processors upgraded to 2200/464 with GFE. ADFS USAF owned equipment, 10 years old and complicated to use, will be replaced and integrated with the GOES replacement equipment which is currently leased. The overall efforts involve replacing old equipment and integrating functionality into fewer user systems.

3. FY 1997 Planned Program: WICU-R fully operational. Minicomputer maintenance discontinued. ADWS: Upgrade Tinker ADWS from Unisys 1100 to 2200 series processor. CFEP: Replace DCP-40 and DCP-35 with a single DCP-624. Discontinue leases in early FY97 for AFIGS and COMEDS.

G. Contract Information:

Weather Communications Systems (WCS) utilize the following contracts:

Tinker ADWS (Tinker, Croughton, and Hickam)
Prime Contractor: UNISYS Corporation
Contract #: F34608-95-C-0003
Contract Award: Dec 94
Contract Type: Firm Fixed Price (FFP)
Duration: 9 Months (1 ea 6 Month Option)
Estimated Value: $3.588M
Services Provided: Hardware maintenance, software lease, systems analyst support (4), travel and subsistence for analyst and training.

SOUTH AMERICAN WEATHER DATA:
Prime Contractor: United Airlines
Contract #: F34608-95-C-0006
Contract Award: 1 Feb 95
Contract Type: FFP
Duration: 5 Years (4 Options)
Estimated Value: $10.047M
Services Provided: South American Weather Data

ARINC DATA:
Prime Contractor: Aeronuatical Radio Inc.
Contract #: F34608-95-C-0002
Contract Award: 1 Dec 94
Contract Type:
Duration: 5 Years (4 Options)
Estimated Value: $141K
Services Provided: Specialized weather and flight information (Aircraft Reports (AIREPS), Pilot Reports (PIREPS), and Coded Aircraft Reports (CODARS)) required by all DoD flying and tactical operations.

CFEP:
Prime Contractor: UNISYS Corporation
Contract #: F01620-92-C-0003
Contract Award: Dec 91
Contract Type: FFP
Duration: 5 Years (4 Options)
Services Provided: Hardware maintenance, software, and system analyst support.

GWIP/WICU:
Prime Contractor: Telos Corporation
Contract #: F61708-93-D-3008
Contract Award: Oct 93
Contract Type: FFP
Duration: 3 Years (2 Options)
Estimated Value: $312K
Services Provided: Hardware maintenance, WICU RAF Croughton UK

Prime Contractor: Telos Corporation
Contract #: F61517-93-D-0010
Contract Award: May 93
Contract Type: FFP
Duration: 3 years (2 Options)
Estimated Value: $118,325
Services Provided: Hardware maintenance, WICU Pruem AS, GE

Prime Contractor: Telos Corporation
Contract #: F62562-95-C-9017
Contract Award: Oct 94
Contract Type: FFP
Duration: 3 Years (2 Options)
Estimated Value: $387K
Services Provided: Hardware maintenance, WICU Yokota AB, JA

Automated Digital Facsmile System (ADFS): A Class Justification and Approval to extend the ADFS Contract to Jan 97 was submitted. An initiative to field a replacement system by Jan 97 is underway. Working a consolidated Statement of Work (SOW) to replace the current system as it is known today. Contract Number: DCA200-94-C-0086. This is a maintenance contract for GFE.

Air Force Digital Graphics System (AFDIGS): A Class Justification and Approval to extend the AFDIGS Contract to Jan 97 was submitted. An initiative to field a replacement system by Jan 97 is underway. Working a consolidated SOW to replace the current system as it is known today. Contract Number: DCA200-87-C-0015. This contract is for equipment, software, maintenance and communications.

Continental Meteorological Data System (COMEDS): A Class Justification and Approval to extend the COMEDS Contract to Jan 97 was submitted. An initiative to field a replacement system by Jan 97 is underway. Working a consolidated SOW to replace the current system as it is known today. Contract Number: DCA200-91-D-0019. This contract is for leased equipment, software, maintenance and communications.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: Not applicable. New submission

2. Schedule Changes: Not applicable. New submission.

3. Cost Changes: Increase in FY96 is to purchase equipment to replace existing systems which support consolidation of functions on fewer user systems. FY97 decreased funding shows the termination of two lease agreements in early FY97 for AFDIGS and COMEDS.

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CORE DII - VALUE ADDED SERVICES

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
DEFENSE MESSAGE SYS - AIR FORCE (DMS-AF)
YMD

B. CIM Functional Area:
CORE DII - VALUE-ADDED SERVICES

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 194.98	(in millions of dollars)
Estimated Life-cycle cost:	$ 332.58	(in millions of dollars)
Approved Program cost:	$ 24.27	(in millions of dollars)
Estimated Program cost:	$ 27.2	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 190.6	(in millions of dollars)
Estimated Life-cycle cost:	$ 325.1	(in millions of dollars)
Approved Program cost:	$ 23.72	(in millions of dollars)
Estimated Program cost:	$ 26.59	(in millions of dollars)
3. Sunk Cost (actual):	$ 11.26	(in millions of dollars)
4. Cost To Complete:	$183.72	(in millions of dollars)

Note: These are Air Force only costs for DMS.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG 42
Procurement Program, Fiscal Years 1997 Budget Estimates, Other Procurement, Electronic and Telecommunications Equipment, Item # 60, Weapon System Cost Element 2.

E. System Description:

The DMS program is a DoD downward directed program to provide an improved communications messaging system to all users. DMS-AF is the Air Force portion of the program (IAW HQ USAF/SCMB Program Management Directive (PMD) 0933(2)) which implements the jointly developed DoD DMS target Architecture and Implementation Strategy (TAIS). The objectives of the program is to provide a secure writer-to-reader messaging system to improve war-fighting support, faster delivery to users, standard software and hardware platforms, migration to X.400/X.500 international messaging standards, and to phase out obsolete, disjointed, expensive-to-maintain and manpower-intensive AUTODIN communications systems. DMS-AF is a HQ USAF/SC top-priority program. It directly supports the DMRD 968 initiative to save money and manpower in Base Communications Center (BCC) operations by evolving to writer-to-reader services for organizations and individuals. The DMS-AF Program Management Office (PMO) has been the leader in phasing out manpower-intensive and obsolete AUTODIN equipment. The

DMS-AF PMO was the first DoD service or agency to develop and implement a 1988 GOSIP X.400 Base Message Host (BMH) prototype messaging capability. The BMH prototype, is currently being implemented at Maxwell AFB, Gunter Annex, Scott AFB, and 21 Air Combat Command bases. This systems provides the capability to gateway between AUTODIN, GOSIP X.400 and SMTP messaging systems. In addition, because of the prototyping and experience gained by the DMS-AF PMO, the Air Force was selected by OSD and DISA to be the lead service in the implementation of X.400 messaging. The DMS-AF PMO awarded a contract on 1 May 95 to provide a complete suite of DMS GOSIP-compliant X.400 messaging components. This contract will provide software products to support all aspects of X.400 messaging from writer-to-reader. Using this contract, all DoD Services and Agencies can purchase the products needed to implement X.400 messaging worldwide and phase out the obsolete, manpower-intensive, and expensive-to-maintain AUTODIN systems. This will save millions of O&M dollars and 450 Air Force manpower authorizations from FY95 to FY99.

Migration Status:

DMS is an OSD migration system -- replaces AUTODIN and BCCs.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Implemented Base Message Host software at 21 ACC bases. Awarded a DMS-GOSIP contract to Loral Federal Systems to provide DMS messaging components and software to be implemented DoD wide.

2. FY 1996 Planned Program: Perform site surveys at 22 bases for network connectivity to support DMS customers. The surveys will be based on the superhighway 2000 base priority list. Plan to implement and test DMS components and software at 10 IOT&E sites.

3. FY 1997 Planned Program: Perform site surveys at 18 bases for network connectivity to support DMS customers. Implement products from the DMS-GOSIP contract at 24 bases.

G. Contract Information:

F01620-93-D-0001/F01620-93-D-0002 Desktop IV- Purchase PCs to support implementation/fixed price.

F19630-93-D-0001- SuperMini Computer Contract - Purchase hardware platforms for DMS implementation/fixed price.

F30602-91-D-0121 Rome Labs External Assistance III contract - Purchase integration support for X.400 messaging products.

DCA100-93-D0067 DISA CIM SETA Contract - Purchase technical and management support.

F01620-95-D-0001 DMS-GOSIP - Purchase hardware/software to implement X.400 messaging and X.500 Directory Services Air Force wide.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: None.

2. Schedule Changes: None.

3. Cost Changes: FY95 funding changes between the FY96 Budget Submission and this submission reflect a plus up of $4.4M in 3400 funding and $11.0M in 3080 funding by PBD 707. The FY96 and FY97 3400 funding increases are a realignment of reporting for long haul communications which include the Defense Data Network. OSD requested that AUTODIN funding be consolidated under the DMS-AF program.

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ENVIRONMENTAL SECURITY

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
WORK INFORMATION MANAGEMENT SYS (WIMS)
145

B. CIM Functional Area:
ENVIRONMENTAL SECURITY

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

2. Constant base year (FY 19) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)
3. Sunk Cost (actual):	$ 0	(in millions of dollars)
4. Cost To Complete:	$ 0	(in millions of dollars)

Note: Life Cycle Cost and Program Cost are not applicable.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1,BA 1, AG11, BA 2, AG21, BA 3, AG31/32 and BA 4, AG42
Procurement Program, Fiscal Years 1997 Budget Estimates, Other Procurement, Electronic and Telecommunications Equipment, Item # 55, Weapon System Cost Element 2.

E. System Description:

WIMS supports active, reserve, and guard Civil Engineering (CE) automated management applications in both engineering and operations areas. Engineering functions include project programming, design, and construction project management, environmental compliance, real property, and facility assessment. Operations functions such as work control, recurring work program, material acquisition, financial management, housing, fire department, personnel and readiness, and systems administration. WIMS consists of approximately 2.5M lines of code.

Besides WIMS, Service Information Management System (SIMS)/Base Contracting Automation System (BCAS) are migrating to the same open systems architecture. This nonproprietary operating environment will be located at the Regional Processing Centers (RPCs). Refer to ADP Operations Consolidation, AIS 181, Descriptive Summary for further details.

Migration Status:

WIMS has been nominated by the Air Force as a candidate for an OSD migration system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Source code for WIMS was rehosted from the proprietary Wang platform over to and an open systems UNIX environment. The Air Nation Guard converted 104 sites from the Base Engineering and Management System (BEAMS) to a stand-alone PC-based SCO UNIX systems. The full UNIX base WIMS was established at Selfridge ANG and Tyndall AFB. The BEAMS automated information system was subsequently retired 1 Feb 95. Approximately 1.2M lines of code were transferred from HQ AFCESA to HQ SSG.

2. FY 1996 Planned Program: To facilitate standardizing all WIMS source code, a worldwide release of the complete WIMS object code is scheduled for release in Apr 96. This will establish SSG as the single point for WIMS sustainment and give the customer a needed tool for software and systems support. Efforts will continue in implementing the UNIX based systems to bases having appropriate hardware in-place and required LAN connectivity. HQ USAF/CE is funding hardware acquisition and implementation costs required for bases to prepare for LAN architecture. This initiative continues to move the system away from a proprietary WANG VS platform to an UNIX platform, making WIMS the ideal DoD engineering system.

3. FY 1997 Planned Program: Continue implementation of UNIX based WIMS to a regionalized environment. Implement those commercially developed products identified by the CE Automation Steering Group as directed by HQ USAF/CE, a Global Combat Support System initiative.

G. Contract Information:

1. HQ SSG/SBEE has a contract with TecMasters Inc. (TMI) to develop Computer Aided Instruction, develop an Automatic Identification Technology (bar coding) system, support deployed WIMS software modules, systems administration, and UNIX implementation for active, guard and reserve Air Force components.

2. Air Force Minicomputer Multi-User System (AMMUS)

3. Air For Desktop IV and V contracts

4. Navy Supermini contract program

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: No changes.

2. Schedule Changes: No changes.

3. Cost Changes: Additional Other Procurment, Air Force funding for FY96/97 will provide RPC capability to accommodate WIMS regionalization.

LOGISTICS

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
AIR FORCE EQUIP MANAGEMENT SYS (AFEMS)
013

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 173.3	(in millions of dollars)
Estimated Life-cycle cost:	$ 173.3	(in millions of dollars)
Approved Program cost:	$ 82.4	(in millions of dollars)
Estimated Program cost:	$ 82.4	(in millions of dollars)

2. Constant base year (FY 1994) dollars

Approved Life-cycle cost:	$ 120.3	(in millions of dollars)
Estimated Life-cycle cost:	$ 120.3	(in millions of dollars)
Approved Program cost:	$ 62	(in millions of dollars)
Estimated Program cost:	$ 62	(in millions of dollars)

3. Sunk Cost (actual):	$ 109	(in millions of dollars)
4. Cost To Complete:	$ 64.3	(in millions of dollars)

Note: Estimated costs are based on current information received from Martin Marietta/DISA proposal for platform migration. New numbers are consistent with current Major Automated Information Systems report submitted 30 Jun 95.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG41
FY 1997 Defense Budget Review, Defense Business Operations Fund, Information Services Business Area, pages 147 - 174

E. System Description:

AFEMS drives equipment logistical decisions, across all commands, from base to Air Staff level for $32 billion in equipment inventory and is the only source for total visibility of all Air Force equipment. Provides on-line equipment information upon which the major commands and the system program managers initiate operational support actions. Provides the capability to accurately develop and forecast time-phased equipment requirements, both additions and reductions, for all categories and applications of support equipment. Categories/applications include, but are not limited to, centrally procured, non-centrally procured, war reserve material, test, measurement, and diagnostic equipment, fixed communications-electronics equipment, industrial plant equipment, mission equipment, and vehicles. Provides the capability to support redistribution of both AFMC centrally procured equipment and base-funded equipment assets.

Provides for worldwide equipment asset accountability and on-line closed loop asset visibility, from cradle to grave, of all Air Force assets regardless of location or application. Provides assessment information upon which equipment managers at all levels (base, MAJCOM, system program manager, and HQ USAF) can determine:
1) the impact of force structure changes;
2) the capability to evaluate peacetime/wartime operations plans by weapon system/organization;
3) the operational readiness based on equipment availability and need dates; and
4) the effect of material management decision on weapon system performance.

Migration Status:

AFEMS is migrating to a larger computer system platform and its functionality is being incorporated into the Depot Maintenance Standard System (DMSS), which is an OSD approved migration system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Continued operations and maintenance. Possible migration to a larger platform. Milestone III granted Jul 95.

2. FY 1996 Planned Program: FOT&E. Migration to a larger platform.

3. FY 1997 Planned Program: Sustainment.

G. Contract Information:

Martin Marietta - Prime - FFP
CENTECH-SETA/IV&V - FFP

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: System migration related changes and software changes. (i.e. the same migration to a larger platform mentioned in section F)

2. Schedule Changes: Driven by possible migration. (See section F)

3. Cost Changes: Program Acquisition, Life Cycle Cost, and Cost to Complete increased (in then year dollar's for FY96-01) to accommodate migration to a larger platform. This did not lead to any significant schedule changes. The Sunk Cost increased due to fall out funds received in FY95.

Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
CORE AUTOMATED MAINT SYS (CAMS)
017

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 317	(in millions of dollars)
Estimated Life-cycle cost:	$ 317	(in millions of dollars)
Approved Program cost:	$ 87.4	(in millions of dollars)
Estimated Program cost:	$ 87.4	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)
3. Sunk Cost (actual):	$ 143.14	(in millions of dollars)
4. Cost To Complete:	$ 173.86	(in millions of dollars)

Note: Life Cycle Cost Information: These figures are broken out in the Reliability and Maintainability Information System (REMIS).

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1,BA 1, AG11 and BA 4, AG42

E. System Description:

CAMS is the standard Air Force base-level automated maintenance information management system vital for effective and efficient management of weapon systems worldwide. The system will support all aircraft, communications-electronics, and support equipment maintenance activities at worldwide operating bases, Air National Guard/AF Reserve sites, and selected NATO locations. CAMS replaces existing manual maintenance data collection and maintenance work order systems by providing on-line remote terminals connected to the Standard Base-Level Computer (SBLC) system throughout the maintenance complexes. CAMS automates aircraft history, aircraft scheduling, and aircrew debriefing processes, and provides a common interface for entering base-level maintenance data into other standard logistics management systems. CAMS enhances the front-end design of new weapon systems and increases the readiness and sustainability of existing weapon systems by improving the availability, accuracy, and flow of essential maintenance, operational and supply information. This system is critical to the wartime readiness and operational support of aircraft, communications/electronics, missile maintenance,

and support equipment. CAMS provides the following current capabilities:

1. Automated Debriefing
2. Training/Personnel
3. CAMS/Supply Interface
4. Automated Scheduling
5. Comprehensive Engine Management System(CEMS)
6. Inspection/Time Change
7. Job Data Documentation
8. Status and Inventory Reporting
9. Asset Research
10. Specialist Dispatch
11. Operational Events

Standard System Group (SSG) is the Central Design Activity for CAMS.

1. Migration/Target System: CAMS is a legacy system that will be integrated into the Integrated Maintenance Data System (IMDS). IMDS is an information technology program to provide Air Force decision makers with the information they need about operational readiness. IMDS will improve the efficiency of sustaining operations within the United States Air Force by integrating multiple and diverse maintenance MIS into a single open system client/server network. This will enable IMDS to provide a single virtual data repository for access by all Air Force command levels. IMDS will also provide flightline and other point of maintenance productivity improvements, such as: elimination of duplicate data entry; Interactive Electronic Tech Manuals (IETM) with hypertext linking; smart diagnostics; improved and automated data collection via bar-code scanners. Portable Maintenance Aids (PMAs), voice input, etc.; and graphical windows TM-style screens. CAMS, REMIS, and Tactical Interim CAMS and REMIS Reporting System (TICARRS) are legacy maintenance systems that will be phased out when the IMDS system is on line and can sufficiently perform all functions required. Since the IMDS is still in prototype, a timeframe has not been established for phasing out the legacy systems. We currently plan to award the IMDS contract on 19 Jul 96.

Migration Status:

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: The Congressionally earmarked funding for CAMS was utilized to correct known functional deficiencies and to support implementation/training of Version 5R2/Generic Configuration Status and Accounting System worldwide. There were no funds for development/modification beyond FY95. Based on Congressional direction, the system will be maintained at a level of efficiency to assure that aircraft and other weapon system readiness is not compromised.

2. FY 1996 Planned Program: Sustainment

3. FY 1997 Planned Program: Sustainment

G. Contract Information:

CAMS is an Air Force written system and contract support is supplied for complex technical issues, software analyst/programming and documentation/configuration.

Unisys Corporation employees sustain and maintain the SBLC environment through contract number F01620-91-D-0003 Delivery Order(DO) 5363. The contract type is firm fixed price, indefinite delivery, indefinite quanity.

I-NET is a System Engineering and Technical Assistance (SETA) contract number F11624-92-D-0002 DO 6K70. The I-NET contract provides technical assistance through task order requests. Technical support provided by these commercial contractors is not available within the Air Force.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: N/A

2. Schedule Changes: N/A

3. Cost Changes: N/A

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
INTEGRATED MAINT DATA SYS (IMDS)
043

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 8.34	(in millions of dollars)
Estimated Life-cycle cost:	$ 8.34	(in millions of dollars)
Approved Program cost:	$ 8.34	(in millions of dollars)
Estimated Program cost:	$ 8.34	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 8.34	(in millions of dollars)
Estimated Life-cycle cost:	$ 8.34	(in millions of dollars)
Approved Program cost:	$ 8.34	(in millions of dollars)
Estimated Program cost:	$ 8.34	(in millions of dollars)

3. Sunk Cost (actual):	$ 5.2	(in millions of dollars)
4. Cost To Complete:	$ 3.14	(in millions of dollars)

Note:

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1,BA 3, AG32 and BA 4, AG41
FY 1997 Defense Budget Review, Defense Business Operations Fund, Information Services Business Area, pages 147 - 174
FY 1997 Amended Budget Submission, Other Procurement Air Force, Electronics and Telecommunication Equipment (Exhibit P-40), P-1 Line Number 76
FY 1997 Budget Estimates Supporting Data, Research, Development, Test and Evaluation (R-2 Exhibit), Budget Activity 3 - Advanced Development, PE Number 0603108F

E. System Description:

The Integrated Maintenance Data System (IMDS) is an information technology program to provide Air Force decision makers with the information they need about operational readiness. IMDS will improve the efficiency of sustaining operations within the Air Force by integrating multiple and diverse maintenance MIS into a single open system client/server network. This will enable IMDS to provide a single virtual data repository for access by all Air Force command levels. IMDS will wean the Air Force from the Core Automated Maintance System (CAMS)/Reliability and Maintainability Information System (REMIS)/Tactical Interim CAMS and REMIS System (TICARRS) maintenance systems. IMDS will also provide flightline and other

point of maintenance productivity improvements, such as: elimination of duplicate data entry; Interactive Electronic Tech Manuals (IETM) with hypertext linking; smart diagnostics; improved and automated data collection via bar-code scanners, Portable Maintenance Aids (PMA), voice input, etc.; and graphical windows TM-style screens.

Migration Status:

If a successful IMDS demonstration results in acceptance, it will be submitted as an Air Force candidate for an official OSD migration system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: A draft Mission Need Statement (MNS) was approved 9 Nov 95. Five contracts were awarded in Apr 95 for a value of $2.5M for concept studies and demonstrations. The IMDS program will continue support of the Armstrong Laboratories' Integrated Maintenance Information System (IMIS). Program Management Directive (PMD) was completed 19 May 95.

2. FY 1996 Planned Program: To be determined based on successful first quarter FY96 IMDS concept demonstration. RFP will be submitted in Mar 96.

3. FY 1997 Planned Program: To be determined based on successful first quarter FY96 IMDS concept demonstration.

G. Contract Information:

Existing contracts are for engineering and support services - MITRE Corp, Burlington, MA; and SenCom Corp, Bedford, MA. Contract type - T&M. Demonstration contracts were awarded Apr 95 to: Computing Devices International (CDI); Systems Research and Applications (SRA) Corp.; TRW, Inc., Systems Integration Group; LORAL Federal Systems Company, Inc.; and TASK, Inc. The five contracts awarded are $500K each for a total of $2.5M.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: None.

2. Schedule Changes: This is a pre-Milestone 0 program. Due to start of the program in late first quarter FY95, the concept demonstration is expected to be completed during first quarter FY96.

3. Cost Changes: Increases in 3600 funding from FY95 to FY96 and beyond are a result of development of the test bed in FY96 and subsequent contract actions for the follow-on IMDS.

Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
FUELS AUTOMATED MANAGEMENT SYSTEM (FAMS)
136

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 184.22	(in millions of dollars)
Estimated Life-cycle cost:	$ 184.22	(in millions of dollars)
Approved Program cost:	$ 156.4	(in millions of dollars)
Estimated Program cost:	$ 156.4	(in millions of dollars)

2. Constant base year (FY 1989) dollars

Approved Life-cycle cost:	$ 132.02	(in millions of dollars)
Estimated Life-cycle cost:	$ 132.02	(in millions of dollars)
Approved Program cost:	$ 116.11	(in millions of dollars)
Estimated Program cost:	$ 116.11	(in millions of dollars)

3. Sunk Cost (actual):	$ 36.8	(in millions of dollars)
4. Cost To Complete:	$ 147.42	(in millions of dollars)

Note: None

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG 42
Procurement Program, Fiscal Years 1997 Budget Estimates, Other Procurement, Electronic and Telecommunications Equipment, Item # 55, Weapon System Cost Element 7

E. System Description:

FAMS is a fuels data collection/information management system that uses state-of-the-art microcircuit technology to automate the management and control of vital petroleum support operations. It addresses critical needs in managing USAF fuels; reduces the current 2 percent error rate in a $3B annual fuels budget; reduces the risk of loss of life and property; reduces USAF fuels management manpower; and provides accurate information for war planning, which increases the USAF's ability to respond to threats. It will eliminate much of the paperwork and manual input in today's fuels management. Independent cost-benefit analysis shows FAMS will provide a total savings of $161M when fully implemented.

FAMS consists of three hardware systems to collect fuels transaction and inventory data at base level (for service stations, storage tanks, and aircraft refueling), and information management systems to support three levels of users (base, MAJCOM, and Air Staff). The Automated Fuels

Service Station (AFSS) provides control and accountability of product issues at the military fuels service station. The system eliminates the need for service station attendants and manual transaction processing. Automated Tank Gauging (ATG) replaces the current system relying on a person, using a tape reel and paste, gauging each tank until he gets two consecutive readings within one eighth of an inch. The data is entered into a computer manually and there is virtually no visibility over inventory between daily gaugings. ATG provides continuous, reliable inventory control of bulk fuel through precise automated measurement of product level and temperature for approximately 2300 bulk storage, hydrant, and service station tanks. The ATG installation effort is concentrated into three separate regions, USAFE, CONUS, and PACAF. Automated Data Collection and Fuel Dispensing System (ADC/FDS), also known as the Microchip Project, will automatically collect fuel dispensing transactions as aircraft are refueled. The system will use radio frequency tags on each aircraft which will communicate billing data with a computer on the refueling equipment for near real-time capture of transaction data.

FAMS-B is the base level computer system that collects the transaction data from the AFSS, ATG, and ADC/FDS systems. This supports Base Fuels Management Office operations and is source data for the FAMS-A and C components. The future system concept calls for a communications and database server supporting 2 to 10 users (clients) at each base. FAMS-C will provide the MAJCOMs inventory, facility, equipment, and personnel status from each base's FAMS-B system. FAMS-A provides the fuels information needed by the Fuels Stock Fund managers at the Directorate of Aerospace Fuels (SA-ALC/SF) and the Air Staff Energy Management Office (HQ USAF/LGSSF). This system now serves as a central data repository for worldwide fuel transactions, and will support missile propellant item managers and the area laboratories. This system is a critical component to supporting decentralized billing for aviation fuel, since it captures and consolidates all worldwide transaction data for each wing's refuelings. It resides on an Ambahl mainframe computer at Kelly AFB TX. FAMS-B users can login to this system to view their transactions for billing validation. The system will be released in three increments.

The three data collection hardware systems mentioned above (AFSS, ATG, and ADC/FDS), referred to as Petroleum Resource Automated Management (PETROL RAM) projects, are accomplished by the PETROL RAM Office at SA-ALC/SFF, Kelly AFB TX. FAMS-A development is accomplished by OL-AE MSG/SA, Kelly AFB TX. The overall program oversight along with FAMS-B development is provided by the FAMS PMO at HQ SSG/LGSF Gunter Annex, AL.

Migration Status:

FAMS has been selected as an OSD migration system under the Defense Fuels Automated System (DFAS). FAMS will be the retail portion of the DFAS system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: The Pacific ATG contract proposals were identified as containing significant deficiencies despite clarification requests. The Source Selection Authority determined it is in the Government's best interest to discuss the deficiencies with each offeror before proceeding with the source selection process. Contract Award Date is still to be determined. To date, 7 ATG sites and 123 tanks have been installed in USAFE, and 62 sites and 491 tanks installed in CONUS. In addition, 190 AFSS systems have been installed worldwide. The Barksdale Fuels Management account declared the FAMS-B fuels accounting, capability

assessment, and the automated fuels control center fully operational. Accordingly, on 20 Nov 95 at approximately 1200 hours local, the FAMS Program Office declared the system to be Initial Operational Capable.

2. FY 1996 Planned Program: FAMS-A Increment I and FAMS-B Increments I and II complete Qualification Operational Testing and Evaluation and implement world wide. AFSS Phase II contract will be completed Mar 96 and USAFE ATG will be complete Jun 96. ADC/FDS Contract Award is scheduled to be completed by Apr 96.

3. FY 1997 Planned Program: FAMS-B Increment I and II will be Final Operational Capable in Feb 97. CONUS ATG will be completed in Aug 97.

G. Contract Information:

Contractor: PRC
Scope: AFMC Support Contract Task Order for D022 Maintenance Programmers. Providing systems engineering and technical assistance services (SETA) systems engineering support for installation and implementation of Automatic Tank Gauging.
Award: Oct 92
Contract Type: Time and Material
Duration: Oct 92 - Sep 94
Est Contract Value: $.54M

Contractor: SYN-TECH Systems
Constraints: None
Scope: Installing Automated Fuels Service Stations at 145 Air Force locations.
Contract Award: 9 Nov 88
Contract Type: Requirements
Duration: Nov 88 - May 03
Est Contract Value: $2.2M

Contractor: SYN-TECH Systems
Scope: Installing Automated Fuels Service Stations at up to 91 new CONUS Air Force locations.
Contract Award: Feb 94
Contract Type: Requirements
Duration: Feb 94 - Sep 98
Est Contract Value: $2.5M

Contractor: Trans-Flo, Ltd, Kent, England
Scope: Installation and maintenance for 7 UK AFSS in UK systems.
Contract Award: 16 Aug 93
Contract Type: Requirements
Duration: Sep 93 - Dec 94
Est Contract Value: $164,000

Contractor: AEG Aktiengellschaft

Scope: Installation and maintenance for USAFE Automatic Tank Gauges at 16 Air Base locations.
Contract Award: 16 Dec 93
Contract Type: Requirements
Duration: Dec 93 - Dec 04
Est Contract Value: $8.5M

Contractor: ITT Barton (bulk fuel), EDG (service station)
Scope: Installation and maintenance for 2168 CONUS ATG systems.
Contract Award: Feb 94
Contract type: Requirements
Duration: Feb 94 - Feb 97
Est Contract Value: $21M

Contractor: I-NET
Scope: SSG Support Contract Task Order for Information Engineer, Budget Analyst, Configuration Manager, Communication Specialist, and Technical Writer. Provides technical, and Fab support to the FAMS program office.
Contract Award: Jul 94
Contract Type: Time & Material
Duration: Sep 94 - Sep 97
Est Contract Value: $1.6M

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: N/A

2. Schedule Changes: Milestone schedules will be pushed back to accomodate delay in contract award for PACAF ATG. Funding cuts will force the overall program into a longer implementation schedule because site surveys and implementation teams will not have the necessary TDY funds.

3. Cost Changes: The numbers reported the FY95 previous submissions were incorrect. The numbers reported in this submission are based on the Life Cycle Cost Estimate dated 15 Oct 94 with a base year of 1989. FY95, FY96, and FY97 changes reflect a rephasing of Other Procurement, Air Force funding.

Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
TACTICAL INTERIM CAMS & REMIS SYSTEM (TICARRS)
FAB

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 290.8	(in millions of dollars)
Estimated Life-cycle cost:	$ 290.8	(in millions of dollars)
Approved Program cost:	$ 45.9	(in millions of dollars)
Estimated Program cost:	$ 45.9	(in millions of dollars)

2. Constant base year (FY 1994) dollars

Approved Life-cycle cost:	$ 267.5	(in millions of dollars)
Estimated Life-cycle cost:	$ 267.5	(in millions of dollars)
Approved Program cost:	$ 44.9	(in millions of dollars)
Estimated Program cost:	$ 44.9	(in millions of dollars)
3. Sunk Cost (actual):	$ 134.1	(in millions of dollars)
4. Cost To Complete:	$ 156.7	(in millions of dollars)

Note: The Life-cycle cost figures in para C includes O&M costs, development costs and estimates of program office support for the period 1987 through 2004. Program cost estimates were obtained from an independent cost estimate performed by AFMC/SZX. This figure also includes estimates of program office support. The period of development is FY95 through FY96.

D. Cross Reference to Justification Books:
FY 1997 Budget Estimate Submission, Volume 1, O-1, BA 4, AG41
FY 1997 Defense Budget Review, Defense Business Operations Fund, Information Services Business Area, pages 147 - 174

E. System Description:

The Tactical Interim Core Automated Maintenance System (CAMS) and Reliability Maintainability Information System (REMIS) Reporting System (TICARRS) is an Air Force-wide contractor operated and maintained management information system. In 1979, the Air Force determined that a system should be developed for aircraft operations, maintenance, and configuration management at the unit level. The system would provide maintenance information vital for effective and efficient management of the F-16 aircraft world-wide. The system was designed, built, tested, and implemented by Dynamics Research Corporation (DRC), Andover, MA. The system has been in use providing maintenance data collection and reporting capability to the Air Force since initially delivered in 1979, and now encompasses the F-15 aircraft fleet in

addition to the F-16s. The system, initially called the F-16 Centralized Data System (CDS), was renamed the TICARRS and is now managed by the TICARRS PMO. DRC also was contracted by the Air Force to develop a similar capability for the then classified F-117A aircraft. This system was called the Smart Data System (SDS). The SDS capability and other enhancements, referred to as TICARRS-92, were demonstrated to the Air Force by DRC at Seymour-Johnson AFB NC in FY93. That demonstration identified the need for additional functionality and interfaces prior to implementation in the operational environment. The current program strategy is to enhance the existing TICARRS to provide direct base-level data-entry to the centralized database (today, data is input via interface with the CAMS) and to support the F-117 aircraft community in addition to the F-15 and F-16 communities. This will provide the various users, including operations, maintenance, support and program management agencies, with "real time" comprehensive information to improve operational readiness and effectively meet mission. This new version is referred to as enhanced TICARRS.

The major functions of the TICARRS are collecting and reporting data. The enhanced TICARRS will implement these functions by automating Air Force forms provided as on-line screens. Data entered on these screens will be edited according to standard Air Force edits and will then be integrated into the TICARRS database. The enhanced TICARRS will provide the following specific capabilities:

1. Equipment Operational Requirements
2. Equipment Reliability and Maintainability Measurement
3. Automated Test Equipment (ATE) Operational Requirements
4. Logistics Data
5. Manpower and Training Management
6. Generalized User Support
7. System Control Information
8. Query System Capability
9. Interface to other systems

The FY 1994 DoD Appropriations Act, Public Law 103-139, approved 11 Nov 93, identified $15.5M for the enhancement, operations, and support of TICARRS-92. Further, it directed that TICARRS-92 be reestablished with direct maintenance data input, as the supporting system for 1) one wing each of F-15, F-16, and F-117A aircraft no later than 31 May 94, and 2) all F-15, F-16, and F-117A aircraft no later than 31 Aug 94. Due to the urgency of the requirement, the Air Force planned on a sole source contract action for the development and implementation of TICARRS-92. This anticipated contract action was protested by another contractor and resulted in the slippage of the contract action to FY95. Due to present funding constraints and potential future program direction, the Air Force structured the contract to include a Phase I and II development effort, an initial implementation phase, a follow-on implementation phase, and an FY95 O&M effort. Phase I of the development includes system development through System Validation Review (SVR) including support for Air Force validation testing. Phase II includes development of the remaining required TICARRS enhancements that were not developed under Phase I. Phase II also includes first site implementation and operation test support.

Materiel Systems Group (MSG) is the Central Design Activity for TICARRS.

Migration Status:

Current plans are for TICARRS/CAMS/REMIS to eventually migrate to the Integrated Maintenance Data System (IMDS). Schedule requirements will depend on the IMDS concept demonstration evaluation.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Continued maintenance data collection support for the F-15 and F-16 aircraft fleet as noted in the preceding paragraph. Continued the Phase I development effort for the enhanced TICARRS. Phase I enhancements include additional system interfaces and transition from a batch to an on-line system. The on-line system will provide "real time" comprehensive information to improve operational readiness and effectively meet mission requirements.

2. FY 1996 Planned Program: During FY96, the schedule is to complete Phase I development and maintain the existing system.

3. FY 1997 Planned Program: Sustainment. When the IMDS becomes operational, it will subsume TICARRS functionality.

G. Contract Information:

1. Prime Contractor: Dynamics Research Corporation (DRC)
2. Involvement: Development and operations and maintenance
3. Type of obligation: Firm fixed-price (FFP)
4. Length of contract:
   a. Development/Implementation: Options through 97
   b. Operations and Maintenance: Options through 97
5. Delegation of Procurement Authority: Nunn-Warner Exempt - DPA Not Required.
6. Contract Performance: On schedule

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: There have been no technical changes.

2. Schedule Changes: The Air Force had originally planned on awarding a development contract in FY94; however, due to another contractor's protest of this action, award of the contract was not accomplished until FY95. The major contractual action initiated and accomplished in FY94 was the O&M contract for the existing system. During FY95, two development options were exercised, as well as an option for O&M support for the existing system. The current plans are to compete Phase I development effort and continue O&M of the existing system during FY95. During FY96, the schedule is to complete the Phase II development and test and implement the system. The existing system will continue to be maintained during FY97.

3. Cost Changes: In accordance with Public Law, otherwise expiring FY94 funds were available for use in FY95, for the period of the protest-caused delay, to fund FY95 development options. This had the effect of reducing the overall FY95 funding requirement for the TICARRS program. However, FY95 schedule adjustment mentioned above results in an increase to the life cycle cost and cost to complete. The sunk cost resulted in an increase due to the addition of the actual FY95

Dollars expended. The reduction in current services funding from FY95 to FY96 is based on planned implementation of the fee-for-service approach. The system user community will become responsible for funding program operations and enhancement requirements in FY97 and beyond.

Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
AMMUNITION MANAGMENT STANDARD SYS (AMSS)
FNM

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 205.5	(in millions of dollars)
Approved Program cost:	$ 77.6	(in millions of dollars)
Estimated Program cost:	$ 77.6	(in millions of dollars)

2. Constant base year (FY 1997) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 154.1	(in millions of dollars)
Approved Program cost:	$ 65.9	(in millions of dollars)
Estimated Program cost:	$ 65.9	(in millions of dollars)

3. Sunk Cost (actual):	$ 15.7	(in millions of dollars)
4. Cost To Complete:	$ 0	(in millions of dollars)

Note: Action initiated to develop a formal Economic Analysis, an Annotated Briefing Document (ABD) for the AMSS will be developed by 1 Nov 96.

D. Cross Reference to Justification Books: The resource for this budget submit has been moved to the Operations and Maintenance, Air Force, appropriation which is administered by Headquarters, U.S. Air Force.
FY 1997 Budget Estimate Submission, Volume 1, O-1, BA 4, AG41

E. System Description:

Ammunition Management Standard System (AMSS) is being developed to improve, standardize, and integrate ammunition management business functions and data across the DoD. It directly supports the goals of the DoD Logistics Strategic Plan (1994 Edition) to: reduce logistics response times; provide total asset visibility; develop seamless logistics systems; and streamline the logistics infrastructure. In order to accomplish this, the Joint Logistics Systems Center (JLSC) has been working with the components for the last 3 years. In this effort the current business processes are being evaluated and improved processes identified using this information, a strategy to develop and deploy a standard system, AMSS, consisting of the functionality currently found in the Navy's Conventional Ammunition Integrated Management System (CAIMS), augmented with functionality for other ammunition management systems and new functionality being reviewed for approval. The near term objective is to implement the first release of AMSS at an initial operating

site by mid-1997. Subsequent implementations at up to seven additional sites would take place over the next 12 months. Implementation of the second release of AMSS, with enhanced functionality, would begin once the first release was fully implemented. Other activities that require access to DoD ammunition management data will be added as the need arises and funding becomes available. When completely developed, integrated and implemented AMSS will support the functionality for all ammunition management at the national (wholesale) level. At this time several legacy systems currently provide unique ammunition management functionality for the DoD. Many of these legacy systems have been evaluated to determine the appropriate strategy for including the functionality in the AMSS. Other legacy systems are still being evaluated to determine how best to provide the services with the needed functionality -- either through inclusion in the standard system or through interfacing with service-unique systems.

Migration Status:

None

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: At the conclusion of the "fly off" competition between three Defense Enterprise Integration Services (DEIS) contractors (an FY 94 project), a down-selection was made for the follow-on development of AMSS. BDM Federal was awarded the contract for AMSS development based on their superior performance and demonstrated abilities during the "fly off." Comparison studies were completed to identify areas of redundancy between AMSS and the Materiel Management System (MMS), another system being developed by the JLSC. Additional business process modeling took place to refine in greater detail the functional requirements of AMSS. The initial deployments of ABMS were completed to the Navy, Air Force, and Marine Corps.

2. FY 1996 Planned Program: Development of AMSS will continue. The reverse engineering of CAIMS, begun with the FY95 award of the AMSS follow-on development contract to BDM, the primary objective for FY96. Initial testing of the first release of the standard system will begin towards the end of the fiscal year. Additional functional requirements analysis will be made to identify enhancements that need to be made to AMSS following its initial release. Efforts will also be undertaken to determine additional functionality that can be added to AMSS which will allow it to perform functions currently performed by separate ammunition depot-level management systems and potentially retail-level systems. Interfacing AMSS with elements of Materiel Management System (Configuration Management Information System (CMIS), Deficiency Reporting System (DRS), Provisioning Cataloging Technical Support System (PCTSS) and Product Definition Support System (PDSS)) will also be explored in an effort to futher reduce redundancy.

3. FY 1997 Planned Program: Fielding of the first release of AMSS will begin. Development of the second release of AMSS, with enhanced functionality will begin. Additional requirements studies will be completed to determine business process improvements that can be incorporated in future releases of AMSS. The Army component has Inventory Control Points (ICP) at Rock Island, IL and Huntsville, AL. The Navy ICP is NOC/IMSD at Michanicsburg, PA. Air Force ICPs are at OO-ALC at Hill AFB, UT; WR-ALC at Warner Robins AFB, GA; and SA-ALC at Kelly AFB, TX. The Marines ICP will be MARCORSYSCOM in Arlington, VA. JOINT/ALL ICP will be at Pentagon, Washington, DC. All scheduled IOC dates are TBD. Joint Staff, OSD, and Service Headquarters in the Washington, DC area.

G. Contract Information:

The DEIS contract with Defense Information Services Organization comprises the majority of the contractual efforts. The prime contractor is BDM Federal.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: The decision to implement AMSS at a single DISA Megacenter is being reviewed based on system-wide performance considerations. Rather than implementing AMSS in a mainframe computing environment, it may be more economical to implement it on mid-tier platforms. A final decision on the technical architecture is awaiting recommendations from the development contractor. Their recommendations should be made by the end of the second quarter of FY96. JLSC will continue to focus on development of applications in the AMSS. The DEIS contractors will continue to develop the AMSS applications to support joint DoD requirements. This includes process changes required by a joint service defined functional baseline, the Improved Functional Baseline (IFB), data element changes to support data standardization efforts, life cycle management of business processes/systems (i.e., joint AMSS life cycle documentation, business process re-engineering, program control, etc.)

2. Schedule Changes: Implementation of AMSS starting in Jan 97 has been delayed because of delays in awarding the follow-on development contract, with the assumption that funding is available for Service hardware. The services are in the process of identifying additional sites where AMSS should be fielded.

3. Cost Changes: A requirement for additional funding for deploying AMSS was identified for inclusion in the FY97 JLSC budget. This additional fundings is required to ensure hardware is available to operate AMSS once software development is completed, to provide program management support that was not identified earlier, and to fund for organic personnel assigned to the JLSC to manage the AMSS program. This request for additional funding was not approved in the last POM submission cycle, therefore it will be re-submitted for consideration as part of the JLSC's FY98 POM request.

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
REQUIREMENTS DATA BANK (RDB)
004

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 558.2	(in millions of dollars)
Estimated Life-cycle cost:	$ 431.9	(in millions of dollars)
Approved Program cost:	$ 237	(in millions of dollars)
Estimated Program cost:	$ 230.3	(in millions of dollars)

2. Constant base year (FY 1994) dollars

Approved Life-cycle cost:	$ 578.1	(in millions of dollars)
Estimated Life-cycle cost:	$ 443.9	(in millions of dollars)
Approved Program cost:	$ 268.1	(in millions of dollars)
Estimated Program cost:	$ 261.6	(in millions of dollars)
3. Sunk Cost (actual):	$ 263.8	(in millions of dollars)
4. Cost To Complete:	$294.4	(in millions of dollars)

Note: Additional Information on Life Cycle Cost and Program Cost:

The estimated life-cycle cost in Section C reflects approved amount as of Milestone III AFCAIG, Sufficiency Review, May 93, with the deletion of Computer Program Configuration Items (CPCIs) Recoverable Item Stratification and Repair. The Joint Logistics Systems Center (JLSC) has chosen not to continue these efforts at this time. The dollar amount includes all (development, test, organic, support & maintenance) cost for FY84 through FY02.

The estimated program cost in Section C reflects the amount approved by 13 May 94 signing of Acquisition Program Baseline (APB) by SAF/AQ with the JLSC's Feb 94 decision to withdraw Central Secondary Item Stratification (CSIS) funding. The dollar amount is for development and hardware requirements. Maintenance and organic funding amounts are not included.

The sunk cost in Section C includes all cost (development, test, organic, support and maintenance) incurred FY84 through FY95. The cost to complete in Section C is based on the assumption that the JLSC will supply the missing functionality and implement Recoverables CPCI.

The cost to complete estimate covers FY96 through FY02.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG41 and AG42
FY 1997 Defense Budget Review, Defense Business Operations Fund, Information Services Business Area, pages 147 - 17

E. System Description:

The RDB is a major software development effort to correct deficiencies in the requirements computation process and provide the capability for the Air Force to relate logistics resource decisions to weapon system combat capability. The RDB objectives and required capabilities focus on providing more accurate and timely information for strategic planning, forecasting, management directions, and operational control of logistics resources. The current materiel requirements data systems originated in the late 1950s and early 1960s. They are technologically archaic, supported by antiquated hardware and application software. To correct these deficiencies, RDB will define, design, develop, test, operate, and maintain a modern materiel requirements system which will replace the current unsatisfactory systems for the Air Force Materiel Command (AFMC) (formerly Air Force Logistics Command (AFLC)) materiel requirements process. RDB supports the materiel management Defense Business Operation Fund (DBOF) business area. The RDB was to replace 19 current systems and manual processes using an evolutionary, building block approach. RDB will compute and stratify requirements for spares, consumables, and equipment items; determine budget projections; measure force readiness; and assess policy changes. It will allow the user to accomplish on-line file maintenance and data query as well as view displays of current data, thus reducing paperwork and increasing data visibility. Requirements will be driven by weapon system management (WSM) goals. By collecting and managing item and weapon system data, the requirements determination/computation, inventory stratification/forecasting, buy/repair decisions, and execution tracking will all be done at the weapon system level. The end result will be data that enables decisions which maximize readiness and sustainability within specific cost goals. Information generated will be used to develop Program Objective Memorandum (POM)/budget submissions as well as program, allocate, and reprogram funds. In addition to providing weapon system management capability, RDB will incorporate other required system policy and management changes that have been identified but deferred until they could be included in the modernization effort.

Materiel Systems Group (MSG) is the Central Design Activity for RDB.

Migration Status:

The Requirements Data Bank (RDB) will be functionally incorporated into the Materiel Management Standard System (MMSS), which has been approved by OSD as a migration system. The following Computer Program Configuration Items (CPCIs) from the RDB have been selected for migration:
D200E - Requirements Item Identification Data (RIID). RIID consolidates and formats catalog data from the Master Item Identification Control Systems (D043) into a single source of data for the RDB applications. This subsystem provides on-line terminal screen data retrieval and support capability to all user levels, as well as a mechanized interface with the other RDB areas.
D200F - Applications, Programs, and Indentures (API). API provides a repository of indentured item application data and weapon system force structure program activity. The indenture structure contains components and next higher assemblies, allowing both top-down and bottom-up traversing of weapon system and end-item relationships.
D200H - Initial Requirements Determination System (IRD). IRD computes spares requirements for new weapon systems, equipment and modifications. It provides real-time on-line management support for management data retrieval, factor updates, analysis, as well as automatically accepting and processing new item data from provisioning activities.
D200J - Special Tooling/Special Test Equipment System (ST/STE). This subsystem provides an

on-line system for maintaining a record of government owned tooling and test equipment in storage at contractor and government facilities. The subsystem also provides inventory assets, movement and disposal status of special tooling/special test equipment required to support a weapon system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: All authorized development has been completed. The JLSC has not identified joint materiel management requirements for MAISRC approval as directed in the RDB Milestone III System Decision Memorandum, 18 Aug 93. Development and deployment of additional RDB products may commence after the material management requirements are defined.

2. FY 1996 Planned Program: Sustainment. Note: The cost to complete in Section C is based on the assumption that the JLSC will supply the missing functionality and implement Recoverables CPCI. The cost to complete estimate covers FY96 through FY02. Sustainment. See Cost Notes.

3. FY 1997 Planned Program: Sustainment. Note: The cost to complete in Section C is based on the assumption that the JLSC will supply the missing functionality and implement Recoverables CPCI. The cost to complete estimate covers FY96 through FY02. Sustainment. See Cost Notes.

G. Contract Information:

BDM (Prime Contractor): Development Contract F33606-84-C-0010 was awarded as a Cost Plus Award Fee (CPAF) contract to the BDM Corporation in Jan 84 and as a Fixed Price Incentive (FPI) contract in Sep 88. Prime contractor performance for FY 94 was completed under budget. The contract was completed 31 Mar 95. A contract for the transition and turnover of RDB from Contractor development to Government maintenance, F19628-95-C-0384, was effective 1 Apr 95. Atlantic Research Corporation (ARC) was awarded a Task Order under the Information System Engineering, Prototype, and Development (ISEPD) Task Order contract to provide IV&V for the RDB development contractor for FY90, FY91, and FY92. Contract F33657-93-C-2167 was awarded 16 Mar 93 for FY93/94 as Firm Fixed Price. Contractor's name was changed to CSC on 1 Jan 94. Work under this contract was completed during Nov 94. RCF (formerly Rogers, Carol, and Ferguson) was awarded a Firm Fixed Price (FFP) contract F33600-89-0030 to install and maintain an office information system (OIS) and provide senior logistics analyst support to aid the RDB program office. This contract terminated 30 Sep 93. International Computing and Engineering Service (ICES), Contract F33657-93-C-2397, was awarded a Task Order to install and maintain an OIS and provide senior logistics analyst support. This contract was effective 11 Jan 94.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: None

2. Schedule Changes: None

3. Cost Changes: None

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
STANDARD BASE SUPPLY SYSTEM (SBSS)
143

B. CIM Functional Area:
LOGISTICS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 0	(in millions of dollars)
Estimated Life-cycle cost:	$ 0	(in millions of dollars)
Approved Program cost:	$ 0	(in millions of dollars)
Estimated Program cost:	$ 0	(in millions of dollars)

3. Sunk Cost (actual):	$ 0	(in millions of dollars)
4. Cost To Complete:	$ 0	(in millions of dollars)

Note: Life-cycle and program costs are not available due to the program's age. SBSS has been in the maintenance phase of its programmed life cycle since 1985.

D. Cross Reference to Justification Books:
FY96/97 President's Budget, Volume 1, 0-1, BA 1, AG11, BA 2, AG21, and BA 3, AG31 and 32

E. System Description:

The Standard Base Supply System (SBSS) is a base-level supply management system, whose mission is to provide timely supply support to base-level activities during peace and war. The SBSS maintains an elaborate vertical interface with the DoD, NATO, AF Wholesale Supply System and the national supply systems. The management of commodities also requires extensive horizontal interfaces with such base-level functions as maintenance, contracting, accounting and finance, and transportation. Additional interface systems include the Military Standard Requisitioning and Issue Procedures (MILSTRIP) and the Air Force's Recoverable Assembly Processing Management System (RAMPS). SBSS uses standard automated inventory control policies and programming techniques to manage a wide range of retail commodities, including supplies, equipment, fuels, and war reserve materiel for both active and reserve components of the Air Force. Computer support and financial accounting for the host and its supported satellite accounts are accomplished in a single computer configuration. Under the satellite concept, records of a staellite activity are integrated with the host computer records and are updated via remote

terminals. SBSS processes on the UNISYS 2200 mainframe computer. Users and developers utilize a full range of personal computers and dumb terminals. The current environment utilizes Common Business Orientated Language (COBOL 85), Ada and META Assembler (MASM) programming languages, with the primary being COBOL 85. All software is provided by the Standard Systems Group (SSG).

Migration Status:

SBSS has been nominated by the Air Force as a candidate for an OSD migration system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: Conducted IDEF modeling (process and data) for the entire retail supply system. Data modeling was limited however, and more work needs to be accomplished in this area. Data elements were submitted to the DDRS.

2. FY 1996 Planned Program: Sustainment of SBSS utilizing the approved funded base-line. Initiation of SBSS modernization under the Base Level System Modernization (BLSM) Program, now called Global Combat Support System-Air Force (GCSS-AF). Information generated from the IDEF models will be used in concert with BLSM II modernization efforts. Funding for this effort will be provided by the GCSS-AF Program.

3. FY 1997 Planned Program: Continued sustainment of SBSS utilizing the approved funded baseline. Continued SBSS modernization under GCSS-AF.

G. Contract Information:

UNISYS contractual support provides two software analyst/programmers to perform research and provide guidance to SBSS personnel on complex technical issues encountered in application software development and configuration. This commercial contractor provides uninterrupted computer support for the SBSS which is not available with the Air Force. The hardware and software for this system was developed by UNISYS. The contract is firm-fixed price.

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: None

2. Schedule Changes: See #3 below.

3. Cost Changes: A FY96 program restructure shifted the funding to the outyears (into FY98) and delayed procurement of replacement equipment in PACAF. The SBSS approved baseline does not include implementation/maintenance funding for components modernized under GCSS-AF such as the Supply Ordering and Sourcing System.

MILITARY PERSONNEL AND READINESS

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Department of the Air Force
Descriptive Summary
FY 1997 Budget Estimates

A. ITR Title and Number:
MODERNIZED AIR FORCE MIL PERSONNEL DATA SYS
108

B. CIM Functional Area:
MILITARY PERSONNEL AND READINESS

C. Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost:	$ 38.2	(in millions of dollars)
Estimated Life-cycle cost:	$ 38.2	(in millions of dollars)
Approved Program cost:	$ 38.2	(in millions of dollars)
Estimated Program cost:	$ 38.2	(in millions of dollars)

2. Constant base year (FY 1995) dollars

Approved Life-cycle cost:	$ 37.4	(in millions of dollars)
Estimated Life-cycle cost:	$ 37.4	(in millions of dollars)
Approved Program cost:	$ 37.4	(in millions of dollars)
Estimated Program cost:	$ 37.4	(in millions of dollars)

3. Sunk Cost (actual):	$ 15.6	(in millions of dollars)
4. Cost To Complete:	$ 22.6	(in millions of dollars)

Note: Reference Life-cycle cost above, the program is based on a "neutral cost" MNS (USAF 004-94, Modernized Air Force Military Personnel Data System, ACAT Level IV). The program will be funded using projected O&M and procurement dollars. Life-cycle costs of the program will be realized through savings obtained from reduced costs associated with getting off the expensive mainframe based legacy system and eliminating the cost of maintaining the legacy system. No new monies provided.

D. Cross Reference to Justification Books:
FY 1997 President's Budget, Volume 1, O-1, BA 4, AG42
FY 1997 Amended Budget Submission, Other Procurement Air Force, Electronics and Telecommunication Equipment (Exhibit P-40), P-1 Line Number 52, Item Number 27

E. System Description:

Modernizing the Personnel Data System (PDS) is essential to continued personnel service to the Total Force (Active Duty, ANG, AFRES and Civilian). This initiative will update and modernize the PDS in order to facilitate interoperability with other functions and comply with SECDEF direction that all major military data systems move to an open systems environment no later than 1998. MNS USAF (004-94) was approved on 26 Apr 95.

The personnel community is tasked to ensure that the USAF maintains a robust and flexible

military force that possesses certain unique capabilities and can accomplish a number of missions. These responsibilities include the ability to manage strength levels in an effective and efficient manner which provides a highly qualified and motivated group of people who are trained and properly distributed to ensure quick response and effective operations in a global environment.

Changes to public law, mission, and basing structure are resulting in increased demand for the PDS to have more depth of reporting and increased accuracy when accounting for members supporting missions while in TDY status. Currently the PDS cannot perform all of the required tracking and reporting being asked of the personnel community.

The hiring of the temporary workforce and shifting personnel to modernization efforts is underway and will continue as training and functional reviews are accomplished. Modernization of the PDS to an open systems environment using data that complies with DoD standards should be completed by the end of FY97 to position the Air Force personnel system for potential movement to a yet-to-be determined target system for DoD human resource management.

Migration Status:

The Modernized AF PDS is the base level Personnel Data System migration system.

F. Program Accomplishments and Plans:

1. FY 1995 Accomplishments: The procurement of the primary platforms for system development was completed. The start-up temporary technical services were obtained. They will remain in place as required through Initial Operationg Capability (IOC).

2. FY 1996 Planned Program: Full program development underway. All functional applications development and functional reviews will be defined and scheduled.

3. FY 1997 Planned Program: IOC targeted for end of FY97.

G. Contract Information:

Not Applicable

H. Comparison with FY 1996 Descriptive Summary

1. Technical Changes: N/A (New program)

2. Schedule Changes: N/A (New program)

3. Cost Changes: FY97 increases reflect program planned program development schedule. Full operating capability targetted for end of FY97.

EXHIBIT 43 (IT-3)

FIP RESOURCE REQUIREMENTS AND INDEFINITE DELIVERY/INDEFINITE QUANTITY CONTRACT(S)

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DEPARTMENT OF THE AIR FORCE
FIP Resources Requirements and Indefinite Delivery/Indefinite Quantity Contract(s)
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DEPARTMENT OF THE AIR FORCE
FIP Resources Requirements and Indefinite Delivery/Indefinite Quantity Contract(s)
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CHANGES FROM 1996 PRESIDENT'S BUDGET SUBMISSION:

1. The following contract(s) have been terminated:

AIS TITLE

Navy Database Machine
Navy Lapheld II
Navy PC LAN
Navy PC LAN Plus
Navy Standard Desktop Companion
Navy Tactical Advanced Computer 4 (TAC 4)
Air Force Software I Contract

2. The following contract(s) have been added:

AIS TITLE

Navy Database Machine Lot 2
Navy Database Machine Lot 3
Air Force Software Minicomputer Multi-user System Maintenance (AMMUS-M)
Antares Development Corporation Contract

DEPARTMENT OF THE AIR FORCE
FIP Resources Requirements and Indefinite Delivery/Quantity Contract(s)
User
FY 1997 Budget Estimates

A. Contract Name: DEFENSE ENTERPRISE & INTEGRATION SERVICES CONTRACT (DEIS)

B. Description of Contract: Provide integrated services dedicated to support DOD's unique integration mission goals. Multiple award contract: same contract, different vendors.

C. Contract Number: DCA100-94-D-0013, 0014, 0015, 0016, 0017, 0018, 0019

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	475	480	495
TOTAL	475	480	495

E. Contract Data: The Defense Information Systems Agency (DISA) is the lead component on this contract. Department of the Air Force does not provide data for this section.

A. Contract Name: NAVY DATABASE MACHINE LOT 2

B. Description of Contract:. The contract provides a medium-size configuration with host or LAN connections to a variety of government owned microcomputers and minicomputers. The main database platform is a Sun SPARCserver 690MP, or SPARCcenter 2000. The contract includes SYBASE, Unify, and Paradox software. The contract will assist government agencies in reducing dependence on vendor proprietary computer systems, and in migrating to an open systems and client-server computing environment

C. Contract Number: F19628-93-D-0019

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	506	652	671
TOTAL	506	652	671

E. Contract Data: The Navy is the lead component on this contract. Department of the Air Force does not provide data for this section.

A. Contract Name: NAVY DATABASE MACHINE LOT 3

B. Description of Contract: The contract provides a large-size configuration with host or LAN connections to a variety of government owned microcomputers and minicomputers. The main database platform is an NCR DBC/3600, and includes the TeraData Operating System with a range of 5 gigabyte to 10 terabytes of disk storage, and can support 400 users. The contract will assist government agencies in reducing dependence on vendor proprietary computer systems, and in migrating to an open systems and client-server computing environment.

C. Contract Number: F19628-93-D-0028

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	206	212	218
TOTAL	206	212	218

E. Contract Data: The Navy is the lead component on this contract. Department of the Air Force does not provide data for this section.

A. Contract Name: NAVY SUPER-MINICOMPUTER FOLLOW-ON

B. Description of Contract: Contract provides super-minicomputer systems capable of supporting up to 256 concurrent users. The super-minicomputer systems include network servers, networks, X-terminals, intelligent workstations, and other components. Also provides relational DBMS, office automation, and operating system software.

C. Contract Number: F19630-93-D-0001

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Procurement	6345	7238	6557
O & M	578	568	555
TOTAL	6923	7806	7112

E. Contract Data: The Navy is the lead component on this contract. Department of the Air Force does not provide data for this section.

A. Contract Name: ARMY SUSTAINING BASE INFORMATION SERVICES

B. Description of Contract: Army contract for FIP computer hardware, software, integration services, systems engineering and related administrative for migratio to an open system environment. Contract is available DoD-wide.

C. Contract Number: DAHC94-93-D-0013

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	267	495	250
TOTAL	267	495	250

E. Contract Data: The Army is the lead component on this contract. Department of the Air Force does not provide data for this section.

DEPARTMENT OF THE AIR FORCE
FIP Resources Requirements and Indefinite Delivery/Quantity Contract(s)
Lead
FY 1997 Budget Estimates

A. Contract Name: AIR FORCE WORKSTATION

B. Description of Contract: Provides commercial-off-the-shelf (COTS) workstations / servers / client servers (rack mountable, desktops, and notebook portables) with peripheral equipment, software and support services such as installation, maintenance, including spare parts, data, training, and technical support. All equipment supports open system functions and features and is POSIX compliant. The workstations support a wide range of applications including support for tactical battle management forces engaged in combat situations; the scientific community engaged in research, development, test and evaluation of weapon systems; and the logistics community engaged in various supporting roles throughout the Air Force. Air Force combat units will use these systems world-wide in both mobile and non-mobile environments to provide command and control (C2) combat forces.

C. Contract Numbers: F19628-96-D-0020 and F19628-96-D-0021

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Procurement	200	200	200
O & M	1335	1940	2550
TOTAL	1535	2140	2750

E. Contract Data:

(1) Contracts awarded to: Hughes Data Systems and Sun Microsystems Federal Inc.

(2) Contracts Award Date: 20 Mar 96

(3) Brand names and model numbers of primary hardware and software: N/A

(4) Contract duration (in years): 5 years for hardware purchase and software licenses, with 2 additional years for hardware maintenance, software support, training, spare parts, technical support, data, and installation.

(5) Contract renewal option: N/A

(6) Estimated value of contract: $800M

(7) Minimum obligation by FY: N/A

A. Contract Name: AMMUS-MAINTENANCE

B. Description of Contract: The Air Force Minicomputer Multi-user System Maintenance (AMMUS-M) contract provides for the purchase of maintenance services to include preventive and remedial maintenance support, diagnostics, worldwide on-line assistance, and non- personal relocation services in support of Wang specific core hardware and software at DoD locations worldwide. Sites eligible for this maintenance support in general include: Air Force, Air National Guard, Air Force Reserve, and Marine bases as well as the Defense Mapping Agency.

C. Contract Numbers: F01620-95-D-0003

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	261	349	328
TOTAL	261	349	328

E. Contract Data:

(1) Contracts awarded to: Wang Federal Inc.

(2) Contracts Award Date: 21 Jul 95

(3) Brand names and model numbers of primary hardware and software: N/A

(4) Contract duration (in years): 5 year contract with base period of 21 Jul - 30 Sep 95 with renewal.

(5) Contract renewal option: 5 annual renewal options

(6) Estimated value of contract: $24M

(7) Minimum obligation by FY: N/A

A. Contract Name: ANTARES DEVELOPMENT CORPORATION CONTRACT

B. Description of Contract: Provides local area network hardware and software for the Air Education and Training Command.

C. Contract Number: F41691-94-D-0018

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Operation and Maintenance -AF	787	0	0
Other Prcourement - AF	337	0	0
TOTAL	1124	0	0

E. Contract Data:

(1). Contract awarded to: Anatares Development Corporation

(2). Contracts Award Date: 26 Sep 94

(3). Brand name(s) and model number(s) of primary hardware and software: N/A

(4). Contract duration (in years): 2 years

(5). Contract renewal options: None

(6). Estimated value of contract: $4.9M

(7). Minimum obligation by FY: N/A

A. Contract Name: DEFENSE MESSAGE SYSTEM/GOSIP ACQUISITION CONTRACT

B. Description of Contract: Includes hardware and software to support the DMS-GOSIP infrastructure. The DMS-GOSIP infrastructure platform shall include all necessary hardware and POSIX-compliant software to enter, manipulate, process, view, store, retrieve and print the information required to support the DMS-GOSIP infrastructure products (MTA, DSA, MFG, MLA, and MWS). The hardware products will be plug-to-plug compatible with similar products from alternate sources. The contract will also have devices to prevent unauthorized access and have controlled user access (via software or hardware); and have the maximum availability practical.

C. Contract Number: F01620-95-D-0001

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	170	554	195
TOTAL	170	554	195

E. Contract Data:

(1). Contract awarded to: Loral Federal Systems.

(2). Contract Award Date: 1 May 1995.

(3). Brand name(s) and model number(s) of primary hardware and software: N/A.

(4). Contract duration (in years): 2 primary yrs.

(5). Contract renewal options: 6 additional option yrs. for all CLINs.

(6). Estimated value of contract: $ 1456 million

(7). Minimum obligation by FY: N/A

A. Contract Name: DESKTOP IV CONTRACT

B. Description of Contract: Advanced microcomputers with associated peripherals, software, and services support.

C. Contract Number: F01620-93-D-0001, 0002

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
O & M	8238	9470	9700
TOTAL	8238	9470	9700

E. Contract Data:

(1). Contract awarded to: Zenith Data Systems (ZDS) and Government Technology Services, Inc (GTSI)

(2). Contract Award Date: 2 Feb 1993.

(3). Brand name(s) and model number(s) of primary hardware and software:
Hardware: Basic workstation: ZDS 486SX/25; GTSI 386SX
Advanced workstation: ZDS 486DX/33; GTSI 486DX
Development workstation: ZDS 486DX/33; GTSI 486DX
Software: Microsoft Disk Operating System, Ver. 6.0, Interactive Unix
MS Windows 3.1, Microsoft Office Suite, POSIX Integrated Application, Enable, Ada, and C compilers.

(4). Contract duration (in years): 1 primary yr.

(5). Contract renewal options: Two one-year options for purchase, two additional one-year options for maintenance and parts.

(6). Estimated value of contract: $ 995.5 million

(7). Minimum obligation by FY: N/A

DEPARTMENT OF THE AIR FORCE
FIP Resources Requirements and Indefinite Delivery/Quantity Contract(s)
Lead
FY 1997 Budget Estimates

A. Contract Name: DESKTOP V

B. Description of Contract: Advanced microcomputers with associated peripherals, software, and services support.

C. Contract Number: AIRFORCE-004

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Procurement	30	30	30
O & M	846	12192	13254
TOTAL	876	12222	13284

A. Contract Name: INTEGRATED - COMPUTER-AIDED SOFTWARE ENGINEERING

B. Description of Contract: This contract provides commercial off-the-shelf life-cycle software development tools to support open systems software development. The contract includes software, training, and support services.

C. Contract Number: F01620-94-D-0002

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Procurement	8000	10000	12000
O & M	1566	2116	1517
TOTAL	9566	12066	13517

E. Contract Data:

(1). Contract awarded to: Logicon, Inc.

(2). Contract Award Date: 12 Apr 1994.

(3). Brand name(s) and model number(s) of primary hardware and software: This contract provides CASE software and software services. Examples of software include Sun ADA, Logiscope, Interleaf, XRunner, and Autoplan.

(4). Contract duration (in years): 2 primary yrs.

(5). Contract renewal options: Eight one-year options for all CLINs.

(6). Estimated value of contract: $ 1470 million

(7). Minimum obligation by FY: N/A

A. Contract Name: STANDARD MULTI-USER SMALL COMPUTER REQUIREMENTS CONTRACT

B. Description of Contract: A family of standard multiuser TEMPEST and NON-TEMPEST computers, peripherals, and software that will support up to 64 concurrent users in incrementally expandable configurations that are upward compatible. Systems include both floppy and hard disk storage, as well as, tape cartridge backup capability. Software includes the operating systems and utilities, office automation, word processing, relational DBMS, graphics, communications, and compilers.

C. Contract Number: F19630-88-D-0005

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Procurement	669	0	0
O & M	2518	0	0
TOTAL	3187	0	0

E. Contract Data:

(1). Contract awarded to: AT&T Technologies, Inc

(2). Contract Award Date: 28 Oct 1988.

(3). Brand name(s) and model number(s) of primary hardware and software:
Hardware:
AT&T 3B2/600G/600GR (TEMPEST and NON-TEMPEST)
Workstation: Color Graphics (386/486 Workstations)
Printers: Laser and Impact
Communication: STU-III Modem and Multi-Network Processor
Software:
Operating System: Unix System V Rel. 3.2 and 4.0
Relational DBMS: Unify, ORACLE, and Informix
Compilers: COBOL, C, Ada, FORTRAN, Pascal, and Basic
Office Automation: PRELUDE
Communications: GOSIP Wide Area Network, NFS, DDN Compression Source Code, Networking TTY Interface

(4). Contract duration (in years): 2 primary yrs.

(5). Contract renewal options: Three one-year options for purchase, plus three additional one-year options for software, maintenance, support, and spare parts. Extended an additional 18 months for purchase of hardware and training.

(6). Estimated value of contract: $ 1074 million

(7). Minimum obligation by FY: N/A

A. Contract Name: UNIFIED LOCAL AREA NETWORK (ULANA II)

B. Description of Contract: This contract will provide local area network hardware and software components. These components will permit interconnectivity and interoperability between mainframe computers, minicomputers, workstations, and terminals from different vendors by using standard protocols. Network operating and management systems will be acquired to allow efficient management and control of ULANA-II based networks.

C. Contract Number: F34608-94-D-0011

D. Estimated Contract Requirements by appropriation: ($000)

	FY 1996	FY 1997	FY 1998
Procurement	2379	2303	2313
O & M	1346	1644	1717
TOTAL	3725	3947	4030

E. Contract Data:

(1). Contract awarded to: EDS. (Note: dual contract F34608-94-D-0008 was awarded on 16 Dec 94 to TRW Inc., Systems Engineering & Development Div., but is still under protest.)

(2). Contract Award Date: 16 Dec 1994.

(3). Brand name(s) and model number(s) of primary hardware and software: The ULANA II contract will have a plethora of network hardware and software from such vendors as Cabletron, Cisco, Fore Systems, Microsoft, Novell, etc.

(4). Contract duration (in years): 2 primary yrs.

(5). Contract renewal options: Two one-year options for all CLINs, with one additional year for all CLINs except for components.

(6). Estimated value of contract: $ 860.4 million

(7). Minimum obligation by FY: N/A

EXHIBIT 43 (IT-4)

CENTRAL DESIGN ACTIVITY SUMMARY

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Central Design Activity Summary
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CHANGES FROM 1996/1997 BIENNIAL BUDGET ESTIMATES

CDAs at Standard Systems Center (SSC) and Communications Systems Center (CSC) , last year combined under Headquarters Air Force Material Command (AFMC), are shown separately in this submission.

NOTE:

The work year figures listed for Material Systems Group (MSG) and Standard Systems Group (SSG) are only for individuals directly assigned to the respective Automated Information System (AIS) programs/initiatives. The next submission will reflect the total work year, i.e., overhead, redistribution to individual AISs for each CDA. Refer to USAF Defense Business Operations Fund, FY 1997 President's Budget, March 1996 for the work year totals for MSG and SSG.

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DEPARTMENT OF THE AIR FORCE
Central Design Activity Summary
FY 1997 Budget Estimates
(Dollars in Thousands)

	FY 1995	FY 1996	FY 1997
A. HQ AIR EDUCATION & TRAINING COMMAND			
Location: Randolph AFB TX			
DBOF Business Area: None			
Subtotal of obligations (cost) by CDA:	7823	7323	5800
Workyears:	126	96	83
FINANCE			
FINANCIAL MANAGEMENT SUPPORT, JFM			
LOGISTICS			
LOGISTICS SUPPORT SYSTEM (LSS), JLG			
MILITARY PERSONNEL AND READINESS			
SIMUL MODEL FOR ALLOCATION OF RES FOR TRG (SMART), JAX			
PILOT AND NAVIGATOR TRAINING SPT SYS (PNTSS), JEZ			
MISCELLANEOUS TECHNICAL TRG SYSTEMS, JFT			
AETC COMMAND MANAGEMENT INFO SYS, JMS			
COMPREH OCCUPATNL DATA APPLICATION (CODAP), JOM			
PROCUREMENT MGMT INFO SYS (PROMIS II), JPR			
PROMOTION TEST STATISTICAL ANALYSIS (PROMO), JPT			
STUDENT MANAGEMENT AND ACCOUNTING SYS, JUT			
B. HQ AF PERSONNEL CENTER			
Location: Randolph AFB TX			
DBOF Business Area: None			
Subtotal of obligations (cost) by CDA:	14227	9448	12824
Workyears:	141	141	141

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C. MATERIEL SYSTEMS GROUP			
Location: Wright-Patterson AFB OH			
DBOF Business Area: Information Services			
Subtotal of obligations (cost) by CDA:	76046	43696	50645
Workyears:	252	270	281
COMMAND AND CONTROL			
AFMC COMMAND & CONTROL SYSTEMS (AFMC C2S), FBB			
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CORE DII - RELATED TECHNICAL ACTIVITIES			
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CATALOGING LEGACY SYSTEMS (CLS), FBE			
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JOB ORDER COST ACCOUNTING SYSTEM (JOCAS), FBJ			
MANPOWER/PERSONNEL INFO SYS (MO/DP), FBK			
WORLD WIDE WEB (WWW), FBL			
PROC/CONTRACT ADMIN			
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AUTOMATED CONTRACT PREPARATION SYSTEM (ACPS), FAK			
ACQUISITION MANAGEMENT INFORMATION SYS (AMIS), FAL			
SYSTEM ACQ MANAGEMENT			
PROGRAM MANAGEMENT SUPPORT SYSTEM (PMSS), FAT			

DEPARTMENT OF THE AIR FORCE
Central Design Activity Summary
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	FY 1995	FY 1996	FY 1997
D. STANDARD SYSTEMS GROUP			
Location: Gunter AFS AL			
DBOF Business Area: Information Services			
Subtotal of obligations (cost) by CDA:	106355	80047	71106
Workyears:	660	679	661

CORE DII - COMPUTING
STD BASE LVL COMPUTER (SBLC) UPGRD/PHASE IV SPT, 152

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SYSTEM ACQ MANAGEMENT			
AIR FORCE SMALL COMPUTER PROGRAM, 137			
CDA Grand Total:	204451	140514	140375
Workyears:	1179	1186	1166

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